Lancaster Farming

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NY Holstein brings $440,000 bid

Balls Pollyboots Demand sold for $440,000 last Saturday at the Poverty Hollow Dispersal and set an all-time sale record. The Excellent Demand daughter out of a Bootmaker was purchased by B. Giles Brophy and John Knight, owners of Hilltop Hanover Farm in New York.

SYRACUSE, N.Y. — A 5-year-old Poverty Hollow Burkgov Demand daughter set an all-time sale record, Saturday at the Poverty Hollow Dispersal, with a price tag of $440,000, said auctioneer William Kent, Bergen, N.Y. But before the day ended, the large crowd of investors and many foreign buyers saw yet another record broken.

The Designer Fashion Sale held in conjunction with the Poverty Hollow Dispersal and the Hanover Hill Sale grossed $3,671,500 and averaged a record-breaking $50,013 for the 60 head sold.

Hilltop Hanover Farm owners, B. Giles Brophy and John Knight purchased the $440,000 Demand daughter, Balls Pollyboots Demand. The record-breaking Black and White is a fourth generation Excellent out of an Excellent Bootmaker, Balls Ned Pollyboots.

Boasting a top record of 30,184 pounds of milk and 1,073 pounds of fat as a 4-year-old, the Demand carries a Cow Index of +2,763M and is due to freshen in March to Gold Medal Proven Sire, Sweet-Haven Tradition.

The top-pedigreed dispersal averaged $22,315 on 60 head.

Claude Picket, Ontario, Ca., paid

(Turn to Page A27)

Home and Youth

Homestead Notes, B2; Home on the Range, B2; Kid's Korner, B10; 4-H news, B17; FFA news, B30; Food processors, B8; Contraband Food, B20; FWS news, B14; Cumberland Farm Women, B12; Hazardous dump, B15; Farmland Preservation, C5.

Columns

Editorials, A10; Now is the time, A10; The Milk Check, C6; Ladies, have you heard? B5; Ida's Notebook, B23; Joyce Bupp's column, B12; Farm Talk, C3.

Dairy

Montgomery DHIA, D30; Berks Holstein, A26; Melwood Farm, A31, Dauphin DHIA, A34; Chester DHIA, B39; York DHIA, B34; Berks DHIA, C8.

Inside This Week's...

Penn State's John E. Brockett, farm management agent at the Lewistown office will be writing his Ag Advice for Lancaster Farming readers each week. See his first column on .... A26.

A Bradford County dairy family turns in the high DHIA state average. Learn more about their double-enterprise farm on....A36

Several Pa. exhibitors return from the North American International Livestock Exposition with ribbons in livestock and dairy. Find out who on....A40.

Espy tops alfalfa competition

BY DONNA TOMMELLEO

UNIVERSITY PARK — Herman Espy, Spruce Creek, was named grand champion alfalfa grower, Monday evening, during the 1981 Forage and Seed Conference sponsored by Penn State in cooperation with the Pa. Forage and Grassland Council and the Pa. Seedmen's Association.

Espy, who owns a large feeder steer operation in Huntingdon County, competed with 77 other participants in the contest. He turned in an all-time high yield of 10.7 tons per acre.

Espy's 18 acres were seeded with Saranac AR and Penlate Orchard Grass in April 1980. The field, previously in corn, was made up of Hagerstown soil. The grand champ bandseeded and cultipacked the field at a rate of 18 pounds of alfalfa per acre and 5 pounds of orchard grass per acre.

In the fall of 1979, Espy fertilized the field with 20 tons of dry steer manure per acre. The following spring he added another 20 tons per

(Turn to Page A22)

The grand champion alfalfa grower, Herman and Connie Espy, left of Huntington County and the reserve champions Norma and J. Allen Baker, right, of Bedford County display the fruits of victory Monday night following the Pennsylvania Forage and Grassland Banquet. Espy turned in a first place yield of 10.7 tons per acre. Baker finished with 9.8 tons per acre.

Lanc. Ag Preserve Board gets $83,000

LANCASTER — A grant totalling over $83,000 has been awarded to the Lancaster Planning Commission and the Agricultural Preserve Board to further their work in agricultural preservation.

The majority of the funds, provided under the Federal Community Development Program, are to be used by local municipalities in their agricultural preservation planning efforts. So far, eight Lancaster County townships—Brecknock, Clay, East Cocalico, Ephrata, Manor, Paradise, Pequea, and West Cocalico—have submitted applications totalling approximately one-half of the $50,000 earmarked for local grants.

Municipalities may still apply for the remaining funds. Any local official interested in applying for some of the grant money or in learning more about the program should contact Robert S. Yates, Chief Community Planner, at the Planning Commission, phone 717/299-8333.

The remaining $33,150 of the Community Development Program grant will be used to employ a staff for the Agricultural Preserve Board.

Livestock market and auction news

Lancaster Market

Monday, November 23
Report supplied by USDA

	Cattle	Calves	Hogs	Sheep
Today	609	121	845	124
Last Monday	959	103	1294	139
Last Year	754	125	1069	64
Monday's Auction	640	128	817	128
Last Monday's Auction	820	137	1289	165

Auction not covered due to Federal Budget Impasse.

Vintage Livestock

CATTLE: Compared to last Tuesday slaughter steers stayed 2.50 higher. Not enough slaughter heifers on hand for an accurate test. Slaughter cows and bulls steady. Supply included 39 percent steers, 53 percent cows, 5 percent bulls. Bulk of steer supply average to high Choice.

SLAUGHTER STEERS: Choice and Prime yield grade 3-4 1170-1385 lb. 65.00-66.50, few 66.85-67.00; Choice 2-4 1050-1300 lb. 62.00-65.00, mostly 63.00-65.00; Choice Y 4 1350-1400 lb. 61.00-62.25. Few Good and low Choice 2-3 990-1200 lb. 59.00-62.25. Good and Choice 2-3 Holsteins 1300-1525 lb. 55.00-57.25, few 58.00-60.00.

SLAUGHTER HEIFERS: Few Good to low Choice 2-3 895-1055 lb. 58.00-60.00.

SLAUGHTER COWS: High cutter utility and commercial 1-3 37.00-41.50, mostly 38.00-39.50, few 41.75-45.75. Canner and cutter 1-2 32.00-37.00.

SLAUGHTER BULLS: Yield grade 1 1100-1855 lb. 50.25-54.50, Y 1-2 1000-1365 lb, 45.00-49.50.

VEAL CALVES: Vealers mostly steady, supplies included 572 head in graded sale.

VEALERS: High Good and low Choice 120-175 lb. 52.00-87.00; 204 head Holstein bulls 100-125 lb. 87.50-96.50, 80-120 lb. 45.00-59.00, 53 head 93 lb. 76.00-77.00.

CALVES: Good 300-405 lb. 40.00-51.00, couple individuals 64.00-67.00.

SHEEP; Not enough for a test. Few Choice lambs 45-65 lb. 60.00-66.00, 75-90 lb. 44.00-57.00; few utility and Good slaughter ewes 11.00-18.00.

Lancaster Auction

Wednesday, November 25
Report supplied by USDA

	Cattle	Calves	Hogs	Sheep
Today	208	36	465	3
Last Wed.	462	21	1157	12
Last Year	338	40	729	8
Wednesday's Auction	82	32	242	1
Last Wednesday's Auction	257	21	1147	12

CATTLE: Compared to last Wednesday Slaughter Cows and Bulls 1.00-2.00 lower, not enough any other class to test the markets. Demand light for small pre-holiday supply.

SLAUGHTER COWS: High Cutter and Utility 1-3 35.50-39.00; Canner and low Cutter 1-2 32.75-35.75.

SLAUGHTER BULLS: Yield grade 1 1200-1945 lb. 48.00-52.75, few individuals 54.25-55.00; Yield grade 1-2 1170-1640 lb. 45.00-49.00.

VEAL CALVES: not enough for a test.

SHEEP: No test.

Lancaster Co. Weekly

Friday, November 27

	Cattle	Calves
This Week	1700	1085
Last Week	4282	1564
Last Year	1978	999

CATTLE: Compared to last week's close Slaughter Steers steady to .50 higher; Slaughter Heifers steady to weak; Cows .50-1.00 lower; Bullocks not tested; Bulls 1.00-2.00 lower. This report covers mainly Tuesday's market; Monday not reported because of federal budget problems; insufficient volume Wednesday to test trends; Thursday a holiday. Supply included 34% Slaughter Steers and 21% Cows.

SLAUGHTER STEERS: Choice and Prime 3-4 1170-1385 lb. 65.00-66.50, few 66.85-67.00; Choice 2-4 1050-1300 lb. 62.00-65.00, mostly 63.00-65.00; Choice 4 1350-1400 lb. 61.00-62.25; Few Good and low Choice 2-3 990-1200 lb. 59.00-62.25; Good and Choice 2-3 Holsteins 1300-1525 lb. 55.00-57.25, few 58.00-60.00.

SLAUGHTER HEIFERS: Few Good to low choice 2-3 895-1055 lb. 58.00-60.00.

COWS: Utility and Commercial 1-3 38.00-41.50, few 41.75-45.75; Cutter 1-2 36.00-39.50, few 39.50-40.50; Canner and Low Cutter 32.00-36.50.

BULLS: Yield Grade 1 1200-1950 lb. 48.00-52.75, few 54.00-55.00; Yield Grade 2 1150-1650 lb. 45.00-49.00.

VEAL CALVES: Vealers mostly steady, instances 5.00 higher. Demand Good for Holstein Bulls to return to farm, demand no more than fair for Holstein Heifers to return to farm.

VEALERS: Choice 120-250 lb. 90.00-99.00; couple 99.00-107.00; Couple prime special fed. 114.00-117.00; High Good and low Choice 140-260 lb. 65.00-80.00, 120-140 lb. 55.00-70.00, 80-115 lb. 40.00-51.00, 60-80 lb. 35.00-40.00.

SLAUGHER CALVES: Few Good and Choice 300-410 lb. 41.00-51.00.

RETURNED TO FARM. One lot 110-115 lb Holstein Heifers 74.00; 45 head 90-110 lb. 58.00-64.00; 50 head 80-110 lb. 50.00-57.00. 195 head 100-125 lb. Holstein Bulls 67.50-96.50; 55 Head 90-95 lb. 76.00-77.00; 85 head small frame 100-120 lb. 55.00-59.00.

Weekly Summary

Friday, November 27
Report supplied by PDA

CATTLE: 3580. Compared with 5726 head last week, and 3456 head a year ago. Compared with last week's market; Slaughter steers unevenly steady; Sl. heifers steady to 1.00 higher; Sl. cows steady to 1.00 lower; Sl. bullocks & bulls uneven. Sl. steers: High Choice & Prime No. 3-4, 63.00-66.50; Choice No. 2-4, 60.00-63.85, few 65.00, Good 56.00-61.00; Standard 52.00-56.00. Sl. heifers: Choice 60.00-62.85; Good 55.00-60.00; Standard 49.00-55.00 Sl. cows: Utility & commercial 38.00-41.50 few 43.60. Cutters 35.00-39.75; Canner & L. Cutter 30.00-35.75; Shells down to 20.00. Sl. bullocks: Good 50.00-58.00; Standard 45.00-49.50. Sl. bulls: Yield Grade No. 1, 1000-2100 lbs. 48.00-54.50; Yield Grade No. 2, 900-1600 lbs. 42.00-49.00.

FEEDER CATTLE: Steers, Medium Frame No. 1, 300-700 lbs. 44.00-59.00; Large Frame No. 2, 400-800 lbs. 35.00-40.50. Heifers, medium Frame No. 1, 300-600 lbs. 38.00-49.00.

CALVES: 3094. Compared with 4584 head last week and 2991 head a year ago. Vealers mostly steady, spots to 10.00 higher. Choice 85.00-99.00 few 106.00; Good 75.00-85.00, 110-130 lbs. 55.00-70.00; 90-110 lbs. 40.00-55.00 few 60.00; 65-85 lbs. 35.00-50.00; Utility 50-110 lbs. 30.00-40.00.

FARM CALVES: Hol. Bulls 80-125 lbs. 50.00-100.00, mostly 65.00-85.00; Hol. Heifers 85-145 lbs. 50.00-125.00, mostly 55.00-89.00.

HOGS: 6555. Compared with 7885 head last week and 7140 head a year ago. Barrows and gilts steady to 1.25 lower. US No. 1-2 200-240 lbs. 44.50-45.75 few 46.50 No. 1-3 200-250 lbs. 44.00-45.00; No. 2-3 140-190 lbs. 42.00-44.25; Sows mostly 1.00 lower. US No. 1-3 300-575 lbs. 39.00-45.00; No. 2-3 300-650 lbs. 35.00-40.00. Boars 29.00-39.75.

FEEDER PIGS: 1125. Compared with 1571 head last week and 2017 a year ago. Feeder pigs highly uneven. US No. 1-3 20-35 lbs. 13.00-28.00 per head; No. 1-3 35-50 lbs. 27.00-33.00; No. 1-3 50-85 lbs. 28.00-38.50.

GRADED FEEDER PIGS: 2659. Compared with 2229 head last week, and 3756 head a year ago. All sales by CWT. Feeder Pigs highly uneven, extremes 12.00 higher to 12.00 lower. US No. 1-2 25-40 lbs. 84.00-92.00, 40-50 lbs. 78.00-108.00, 50-60 lbs. 74.00-93.00, 60-85 lbs. 59.00-73.00; US No. 2-3 40-50 lbs. 54.00-69.00, 50-70 lbs. 47.00-60.00.

SHEEP: 607. Compared with 691 head last week and 270 head a year ago. Wooled sl. lambs uneven, mostly steady to 4.00 higher; Choice 65-110 lbs. 49.00-60.00, few 66.00; Good 45-100 lbs. 37.00-49.00; Utility 50-80 lbs. 30.00-45.00. Sl. ewes: 12.00-22.00.

Eighty-four Livestock

Eighty-four, Pa.
Monday, November 23
Report supplied by PDA

CATTLE 466: Supply included 50% feeder cattle. Compared with last Monday's market, slaughter steers .25-.50 lower. Slaughter cows grading Utility steady, canner & Cutter .50 lower. Good slaughter steers 50.00-55.00, Standard 45.00-50.00, Utility 40.00-45.00. Standard slaughter heifers 44.00-48.00, Utility 40.50-45.00. Utility & Commecial slaughter cows 39.00-41.00, couple 44.00 and 44.75, Commercial No. 4-5 36.00-39.50, Cutters 35.00-39.75, Canner & Low Cutter 29.00-34.00, Shells down to 20.00. Standard slaughter bullocks 44.00-48.25, Utility 40.00-44.50. Yield grade #1 1100-2020 lbs. slaughter bulls 43.50-51.50. Medium Frame #1 350-700 lbs. feeder steers 53.00-59.00, 750-950 lbs. 54.75-55.50; Medium Frame #1 300-600 lbs. feeder heifers 44.00-48.00, Medium Frame #2 300-600 lbs. 38.00-44.00; Medium Frame #1 300-700 lbs. feeder bulls 50.00-58.25, Medium Frame #2 500-700 lbs. 44.00-47.00.

CALVES 418: Vealers grading Good & choice weak to .50 lower, Standard & Good 1.00-2.00 lower. Few Choice vealers 85.00-91.00, Good 63.00-75.00, Standard & Good 110-130 lbs. 51.00-62.00, 90-110 lbs. 46.00-53.00, 60-85 lbs. 39.00-47.00, few Utility 50-80 lbs. 32.00-39.00. Farm calves, holstein bulls 90-125 lbs. 70.00-85.00; slaughter calves, grading Good & Choice 250-350 lbs. 52.00-65.00.

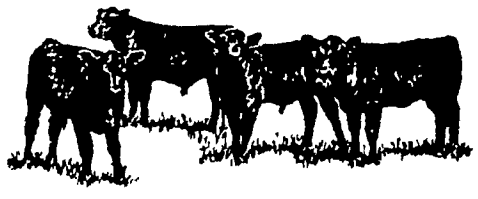
HOGS 64: US No. 1-3 220-260 lbs. barrows & gilts 42.35-44.50, few to 48.00, few No. 2-3 350-400 lbs. 37.00-38.00. Few US No. 1-3 300-600 lbs. sows 40.00-43.50. Boars 27.00-35.50.

FEEDER PIGS 30: Lot US No. 1-3 25 lb. feeder pigs 12.50 per head, No. 1-3 40-50 lbs. 19.00-21.50 per head.

SHEEP 191: Wooled slaughter lambs 1.00-2.00 higher. Couple lots Choice 90-94 lbs. wooled slaughter lambs 50.25-53.75, one lot Choice shorn lambs 75 lbs. at 47.25, Good 80-100 lbs. 44.00-49.75, Good 60-80 lbs. feeder lambs 46.50-48.25. Slaughter ewes 16.00-22.00.

GOATS 3: 10.00-22.00 per head.

SPECIAL GRADED FEEDER CATTLE SALE
FRIDAY, DECEMBER 4, 1981
11:00 A.M.
600 HEAD
All Breeds - All Weights
Prime - Choice - Good Grade
Sold in lots of 10 or more
Graded by Jim Anderson - USDA



LANCASTER STOCKYARDS WEEKLY SALES
SLAUGHTER SALES — MON. & WED. 10:00 A.M.
VEALERS, LAMBS, HOGS — MON. & WED. 11:00 A.M.
HOG AUCTION — SATURDAY 9:30 A.M.
STOCKER & FEEDER — FRIDAY 11:00 A.M.
NEXT FEEDER PIG SALE - DEC. 1
EQUIPPED TO RECEIVE YOUR LIVESTOCK
24 HOURS A DAY, 365 DAYS A YEAR.
PRIVATE TREATY DAILY
LANCASTER STOCKYARDS, INC.
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Every Friday at 12 Noon
GREEN DRAGON MARKET & AUCTION
RD No. 4 Ephrata, Pa. 717-733-2334
1 mile North of Ephrata on N. State St.
Out of State Buyers - Cash or Certified Check Only.

NEW HOLLAND The Action Auction
AUCTIONS make the difference in auctions!
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MONDAY'S AUCTION
8.00 A M Fat Hogs
10 00 A M Horse Sale
11 00 A M Hay Straw & Ear Corn
1 30 P M Fat Steers Bulls Cows & Veal
WEDNESDAY'S AUCTION
12:00 Noon Dairy Sale
1 30 P M Feeder Pig Sale
THURSDAY'S AUCTION
11 00 A M Beef Sale
Order of Sale Bulls Fat Steers Cows Veal
3 30 P M Calf Sale
NEW HOLLAND SALES STABLES INC.
New Holland PA
Abram W. Diffenbach Manager
Phone 717 354 4341

VINTAGE SALES STABLES, INC.
Sale Every Tuesday & Friday
11 A.M.
Slaughter Cattle Auction - Steers, Bulls, Heifers, Cows, Feeder Cattle.
(no calves or sheep Friday)
Get calves in early. We start to grade and weigh at 2:30.
Sale Every Wednesday & Saturday - 9 A.M.
Hog Sale
Starting Friday, October 16 for Hay and Straw Sale.
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LEBANON VALLEY LIVESTOCK MARKET, INC.
1 mile East of Fredericksburg along Route 22
PHONE: JONESTOWN 865-2881
Sale every Tuesday at 1:30 P.M starting with feeder cattle and pigs
Also Hay Sale every Tuesday at 12:30

Hog Markets

Lancaster Feeder Pigs

Tuesday, November 24
Report supplied by USDA

Today	913
Last Tuesday	1301
Last Year	1463

TREND: Compared to last Tuesday feeder pigs uneven, steady to 5.00 lower. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 84 head 31-38 lbs. 90.00-92.00; 40 head 30-34 lbs. 84.00-88.00; 118 head 42-48 lbs. 100.00-108.00; 47 head 40-48 lbs. 88.00-92.00; 178 head 40-48 lbs. 78.00-85.00; 78 head 53-58 lbs. 85.50-93.00; 39 head 52-58 lbs. 74.00-76.00; 14 head 65-68 lbs. 67.00-73.00; 20 head 70 lbs. 71.00; 23 head 70-72 lbs. 59.00-62.00; 10 head 91 lbs. 51.00.

US 2: 39 head 30-39 lbs. 70.00-80.00; 12 head 41 lbs. 72.00; 30 head 41-49 lbs. 60.00-66.00; 20 head 58-60 lbs. 60.00-66.00; 24 head 70 lbs. 62.00.

New Holland Hogs

Monday, Nov. 23
Report supplied by USDA

Today	1342
Last Monday	1562
Last Year	1496

TREND: Compared to last Monday barrows and gilts 50-1.00 lower.

BARROWS AND GILTS: US 1-2 200-245 lbs. 44.75-45.00, Few to 45.25; US 1 200-250 lbs. 47.00-48.00, Few 48.25-48.75; US 1-3 210-260 lbs. 43.75-44.75.

Indianapolis Hogs

Wednesday, November 25

HOGS: 1000 - Barrows & gilts active, 50-75 higher. US 1-2 210-255 lbs. 43.50-44.00.

SOWS: Not well tested. (3%). US 1-2 & Medium COUPLE LOTS 375-400 lbs. 36.00-36.50.

BOARS LOT 300 lbs. 34.00; couple over 400 lb. 34.50.

St. Louis Hogs

Wednesday, November 25
Report supplied by USDA

HOGS: 3500 - Barrows & gilts active, 1.00-1.25 higher. US 1-2 200-240 lbs. 43.25-43.50; US 1-3 230-260 lbs. 42.50-43.25.

SOWS: Firm to 1.00 higher. (About 10%). US 1-3 300-450 lbs. 36.00-37.00; 450-500 lbs. 37.00-38.00; Over 500 lbs. 40.00-42.00.

BOARS: Over 250 lbs. 35.50-36.00; 200-250 lbs. 37.50.

Peoria Hogs

Wednesday, November 25
Report supplied by USDA

HOGS: 3000 - Barrows & gilts moderate, fully 50 higher. US 1-2 200-240 lbs. 43.00-43.50; US 1-3 200-240 lbs. 42.50-43.00.

SOWS: Under 400 lbs. steady-50 lower, over 400 lbs. 3.00-4.00 lower. (10%). US 1-3 350-400 lbs. 35.50-36.00; 400-650 lbs. 36.00-38.50.

BOARS: Over 350 lbs. 35.00; Under 350 lbs. 37.00-38.00.

Vintage Hogs

1 and 2, 210-235 lbs., 43.50-44.50; 2 and 3, 200-245, 42-43.50; Sows, 300-500 lbs., 40-43; Boars, 300-500, 35-40.

Saturday, November 21

1 and 2, 210-235 lbs., 46-47.50; 2 and 3, 200-245 lbs., 45-46, Sows, 300-500 lbs., 40-42; Boars, 300-500 lbs., 35-39.

Lancaster Hogs

Lancaster Stockyards
Report supplied by USDA
Tuesday, Nov. 24

Today	161
Last Tuesday	338

HOGS: Compared to last Wednesday, barrows and gilts 25-50 lower, instances 1.00 lower.

BARROWS AND GILTS: US 1-2 200-245 lbs. 44.50-45.00; US 1 205-240 lbs. 46.00-47.00, Few 47.25-48.25; US 1-3 210-260 lbs. 44.25-44.50.

Wednesday, Nov. 25

HOGS: Barrows and gilts mostly steady.

BARROWS AND GILTS: US 1-2 200-245 lbs. 44.50-45.35; US 1 205-240 lbs. 45.50-46.50, Few 47.50; US 1-3 210-260 lbs. 44.00-44.50. SOWS: US 1-3 200-475 lbs. 39.50-42.50, Over 475 lbs. 42.50-47.75.

New Wilmington Livestock

New Wilmington, Pa.
Monday, November 23
Report supplied by PDA

CATTLE 328: Compared with last Monday's market, slaughter cows mostly 2.00 lower. Few Choice slaughter steers 59.50-62.00, Good 54.50-59.75, Standard 46.00-53.00, few Utility 41.50-45.00. Couple Choice slaughter heifers 56.50-57.50, few Good 50.00-52.00, Standard 43.00-49.00. Utility & Commercial slaughter cows 39.50-42.75; few to 45.50, Commercial No. 4-5 33.50-40.00, Cutters 35.00-40.25, Canner & Low Cutter 28.00-35.75, Shells down to 22.00. Yield Grade #1 1115-1920 lbs. slaughter bulls 45.00-48.25; few yield grade #2 1055-1730 lbs. 40.00-45.00. Few Medium Frame #1 340-540 lbs. feeder steers 44.00-53.50, few Large Frame #2 630-835 lbs. 35.00-40.50; medium & Large Frame #1 310-640 lbs. feeder heifers 38.00-49.00, 640-820 lbs. 35.00-43.50.

CALVES 317: Vealers grading Good & Choice 10.00-15.00 lower, Standard about steady. Few Choice vealers 75.00-83.00, Good 60.00-77.50, Standard & Good 90-120 lbs. 40.00-50.00, 65-85 lbs. 30.00-40.00, Utility 50-115 lbs. 15.00-30.00. Farm calves, holstein bulls 95-135 lbs. 50.00-75.00, one lot 90.00; holstein heifers 70-115 lb.s 47.50-70.00.

HOGS 641: Barrows & gilts fully 2.00 lower, US No. 1-2 210-250 lbs. barrows & gilts 43.00-44.00, No. 1-3 200-260 lbs. 42.00-43.50, No. 2-3 215-315 lbs. 39.00-42.10, few No. 1-3 130-175 lbs. 35.00-37.00. Sows fully 2.00 lower. US No. 1-3 300-705 lbs. sows 38.00-46.00, No. 2-3 315-585 lbs. 33.50-38.00. Boars 29.00-35.75.

FEEDER PIGS 80: US No. 1-2 20-35 lbs. feeder pigs 16.00-28.00 per head, No. 1-3 35-50 lbs. 28.00-30.00, few No. 1-3 80-100 lbs. 41.00-44.00, fe Utility 25-35 lbs. 10.00-11.00 per head.

SHEEP 146: Choice 85-110 lbs. wooled slaughter lambs 45.00-54.00, few 65-80 lbs. 57.00-61.00, Good 60-90 lbs. 35.00-49.00. Slaughter ewes 12.00-22.00.

Martinsburg Auction

Monday, November 23
Report supplied by auction

CATTLE 223. High Choice & Prime slaughter steers 61.50-63.75, Choice 60.25-62.50, Good 58.50-60.25, Standard 50.25-54.60, Utility 43.25-48.50. Choice slaughter heifers 60.00-61.50, Good 58.00-60.00, Standard 52.00-54.50, Utility 40.50-48.50. Utility & Commercial slaughter cows 41.00-44.50, Cutters 38.50-40.50, Canner & Low Cutter 33.50-38.50, Shells down to 26.00. Choice slaughter bullocks 54.50-56.25, Good 50.00-53.50, Standard 46.50-49.50, Utility 40.50-46.50. Yield Grade #1 slaughter bulls 48.50-54.25, yield grade #2 42.50-48.50. Choice feeder steers 54.50-58.50, Good 52.50-54.50, Medium 48.00-52.50; Good feeder heifers 47.50-52.50, Medium 44.25-47.50, Good feeder bulls 45.50-52.50, Medium 42.00-46.50.

CALVES 313. Prime vealers 85.50-91.50, Choice 81.50-84.50, Good 71.00-78.50, Standard & good 110-130 lbs. 60.00-67.50, 90-110 lbs. 50.00-58.50, 70-90 lbs. 40.00-50.00. Farm calves, holstein bulls 90-130 lbs. 65.00-98.50; holstein heifers 90-130 lbs. 55.00-98.50.

HOGS 388. US No. 1-2 barrows & gilts 46.25-47.50, No. 1-3 45.25-46.25, No. 2-3 44.00-44.50, No. 2-4 42.50-43.50, No. 1-3 42.00-43.25. US No. 1-3 sows 43.50-45.25, No. 2-3 39.00-42.50. Boars 34.50-39.50.

FEEDER PIGS 108. US No. 1-3 25-40 lbs. feeder pigs 16.50-23.50 per head, No. 1-3 40-70 lbs. 24.50-38.50 per head.

SHEEP 19. Choice 85-110 lbs. wooded slaughter lambs 49.50-52.50, Good 75-90 lbs. 46.50-48.50, Utility 60-70 lbs. 40.00-45.00. Slaughter ewes 12.00-16.50.

U.S. Inspected Livestock Slaughter

Estimated Daily Livestock Slaughter — Wednesday, Nov. 25
Report supplied by USDA **Estimated Daily Livestock Slaughter**
Under Federal Inspection

	CATTLE	CALVES	HOGS	SHEEP
This Week	390,000	33,000	1,082,000	72,000
Last Week	391,000	34,000	1,047,000	69,000
Last Year	366,000	28,000	1,132,000	58,000

Market courtesy of USDA.

Chicago Grain Futures

(Closing Bids as of Wednesday Nov. 25)

	Corn	Wheat	Soybeans
Nov.	—	—	
Dec.	2.65¾	4.11¼	
Jan.	—	—	6.40½
Mar.	2.83¾	4.36½	
May	2.95	4.46	6.72½

Trend - Corn is higher, Wheat is higher, Soybeans are higher.
Market Provided by Commodity Department
Dean Witter Reynolds, Inc.

Futures Trading

(Closing Bids as of Wednesday, Nov 25)

	Chicago Cattle	Chicago Hogs
Dec.	62.55	43.05
Feb.	61.35	44.65
Apr.	61.47	42.60

Trend - Cattle are lower, Hogs are lower.

Market Provided by Commodity Department Dean Witter Reynolds, Inc.

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Poultry Markets

Weekly New York Egg Market

From Friday, Nov. 20 to Dec. 2

		Fri.	Mon.	Tues.	Wed.
WHITE					
Jumbo		87	87	85	83
Ex Large		85	85	83	81
Large		84	84	82	80
Mediums		82	82	80	78
Pullets		63	63	63	62
BROWN					
Jumbo		101	101	101	101
Ex Large		96	96	96	96
Large		94	94	94	93
Mediums	Unquoted				
Pullets	Unquoted				
Peewees	Unquoted				
Off Grade					
Large		76	76	74	72
Checks		45	44	44	43

Tone: Buying interest improved. Supplies ample. Market steadier.
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N. E. Weekly Shell Egg Report

Tuesday, Nov. 24
Report supplied by USDA

Prices paid per dozen Grade "A" Brown eggs in cartons delivered to retail stores:

	Ex. Large	Large	Medium	Small
MASS.X	97-103	96-102	90-97	63-70
Mostly	99-101	98-100	92-95	65-68
N. HAMP.	92-98	91-97	85-91	58-64
Mostly	92-97	91-96	85-90	58-63
R.I.	98-99	96-97	91-92	66-67
VERMONT	UNAVAILABLE			
MAINE	97-99	96-98	90-92	63-65

X Includes Central and Western Sections only.

New York Multiple Drop Broiler Report

Tuesday, Nov. 24

RANGE: U.S. Grade A 42-45½; Plant Grade TFEWR; Premium (X) U.S. Grade A 46-47.

WTD. AVG.: U.S. Grade A 45.06; Premium (X) 46.75.

(X) Includes special services, selected competitive brands, etc.

Heinsey's Poultry Market

Root's, East Petersburg
Tuesday, Nov. 24
Report supplied by auction

MUSCOVY DUCKS, DRAKES: range .60-.78 per lb.

MUSCOVY DUCKS, HENS: range .40-.58 per lb.

PEKING DUCKS: range .50-.56 per lb.

RED FOWL: 4-5 lbs. range .20-.32 per lb.

RED FOWL: 5-6 lbs. range .26-.38 per lb.

CROSSBRED FOWL: 6-9 lbs. range .24-.38 per lb.

CROSSBRED ROOSTERS: 4-6 lbs. range .40-.78 per lb.

CROSSBRED ROOSTERS: 7-12 lbs. range .40-.62 per lb.

GUINEA FOWL: range 1.15-1.30 ea.

BANTY ROOSTERS: range 1.00-2.50 ea.

BANTY HENS: range .25-.85 ea.

GEESE: 8-14 lbs. range .32-.48 per lb.

TURKEYS: 18-30 lbs. range .36-.42 per lb.

PIGEONS: range .75-1.00 ea.

WHITE PIGEONS: range 1.25-1.75 ea.

RABBITS: 4-6 lbs. range .30-.62 per lb.

RABBITS: 7-10 lbs. range .25-.52 per lb.

GUINNEA PIGS: range .50-2.50 ea.

GOATS: range 25.00-44.00 ea.

KID GOATS: 20.00-25.00 ea.

TOTAL AMOUNT COUPS: 735.

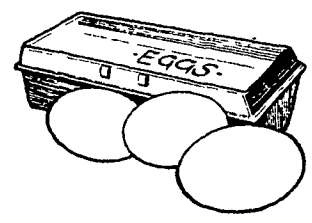
Baltimore Eggs

Tuesday, Nov. 24
Report supplied by USDA

Market unsettled. Demand fair to good. Supplies of large ample. Medium ample to burdensome.

Cartoned Eggs: Prices to retailers, state graded (min one case sale) white.

Grade A Large	84-89
Grade A Medium	82-87



Philadelphia Eggs

Tuesday, Nov. 24
Report supplied by USDA

Prices unchanged. Cartoning demand light to fair for filling needs prior to holiday. Offerings fully adequate.

Prices to Retailers: Sales to volume buyers, consumer grades white eggs in cartons delivered store door:

A Extra Large 84-86; A Large 83-85; A Medium 80-82.

Nest Run Eggs

Prices are from Egg Clearinghouse, Inc., (ECI) Durham, N.H. and reflect trading prices for gradable nest run eggs (GNR) on ECI, a nationwide trading center for producers, packers and marketers. GNR eggs are classified by weight in 30-dozen cases, and traded in lots of either 300 or 750 cases. Prices are FOB buyers dock, and are computed Tuesday and Thursday of each week. This week's prices for each classification were:

Classification	Net Weight Per Case	Nov. 24 Tuesday
Class 1 - Large	48 lbs.	65
Class 2 - Large	45 lbs.	64
Class 3 - Medium	42 lbs.	60
Class 4 - Small	39 lbs.	53
Breaking Stock	48 lbs.	53
Checks	48 lbs.	48

Fogelsville Poultry

Fogelsville, Pa.
Tuesday, Nov. 17
Report supplied by USDA

HENS, LIGHT TYPE: range 5-12, mostly 12.

HENS, HEAVY TYPE: range 21-34, mostly 26.

PULLETS: range 45.

ROASTERS: range 20-83, mostly 50.

CAPONS: range 75.

FRYERS: range 30.

DUCKS: range 39-80, mostly 70.

DRAKES: range 47-77, mostly 77.

GEESE: range 61-79, mostly 79.

TURKEYS, TOMS: range 46-47, mostly 47.

TURKEYS, HENS: range 41, mostly 41.

RABBITS: range 57-96, mostly 91.

GUINEAS: range 85-122, mostly 120.

PIGEONS (PER PAIR): range 180-225, mostly 200.

JUMBO SQUAB: range 400, mostly 400.

TOTAL COOPS SOLD: 459.

Eastern Pa. & N.J. Poultry

Wednesday, Nov. 25
Report supplied by USDA

Prices steady on light type hens. Farm offerings adequate for a light processor demand. Offerings of heavy type adequate for a light call.

Prices Paid at Farm:

Light Type Hens: 10-11, mostly 10½-11.

F.O.B. Plant: 12-13, mostly 12½-13.

Heavy Type Hens: TFEWR.

Delmarva Poultry

Tuesday, Nov. 24
Report supplied by USDA

R.T.C. movement light but in fair balance with reduced available supplies. Leg demand improved. Slaughter schedules continue reduced from normal. Today's L.T.L. asking prices on U.S. Grade A ranged 44-47 cents. Advance interest mixed ranging light to fairly good in instances. Live supplies fully adequate at slightly increasing weights. Undertone fully steady.

Estimated slaughter of broiler fryers in Delmarva (000).

Estimated 11/24 1369; Actual 11/17 1764; Actual 11/20 715; Average Weights 11/20 4.11; 11/13 4.16.

Valley Livestock

Valley Stockyards
Athens, Pa.
Monday, Nov. 23
Report supplied by auction

Reported receipts of 284 calves, 123 cows, 18 bulls, 31 heifers, 14 steers, 107 hogs, 16 lambs, 13 sheep. Cattle market active, calf market steady.

Holstein Heifer Calves to 122.50; Veal Calves to 85.00; Bobs, 90-110 lbs. back to farm up to 101.00; Bobs, 80 and down 45.00-60.00; Grassers & Feeders 32.00-61.00; Lambs to 53.00; Sheep to 32.00; Hogs, 200-250 lbs. 42.00-45.00; Sows 38.00-43.50; Boars 30.00-34.00; Pigs 10.00-34.50; Heifers 36.00-44.25; Steers common 40.00-46.50; Steers, feeder 46.00-61.00; Bulls 42.00-48.25; Cows, utility 39.00-42.50; Cows, fat 37.00-41.50; Cows, medium 36.00-37.00; Cows, poor or small 32.00-34.00; Horses small to 175.00; Ponies to 85.00; Goats to 47.00.

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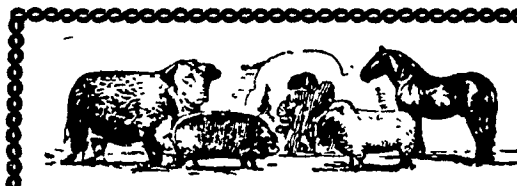

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Livestock market and auction news

Hay Markets

Regional Hay

Friday, Nov. 20
Report supplied by PDA

(All hay No. 2 and better, prices paid by the dealers at the farm and per ton.)

Hay and Straw steady to strong.

Alfalfa 90.00-110, few down to 80.00; Mixed hay 75.00-85, few down to 65.00; Timothy hay 60.00-86.00; Straw 40.00-50.00; Mulch 30.00-45.00.

Green Dragon Hay

Ephrata, Pa.
Friday, Nov. 20
Report supplied by PDA

Alfalfa 101.00-122.00; Mixed hay 82.00-117, few to 141.00; Timothy hay 88.00-115.00; Orchard Grass, individual's 104 & 111.00; Straw 50.00-72, individual 88.00; Ear Corn, 15 loads 65.00-72.00, few to 105.00; Corn Fodder, 2 loads 30.00 & 43.00; Soybean Stalks, individual 36.00.

New Wilmington Hay

New Wilmington, Pa.
Friday, Nov. 20
Report supplied by auction

18 Loads Hay and 4 Loads Straw.

Mixed hay 74.00-98, couple 140 & 142.50; Alfalfa, individual 120.00; Timothy hay 75.00-97.50; Straw 67.00-69.00; Ear Corn, 5 loads 69.00-72, individual 60.00; Oats, 2 loads 1.91 & 1.95 per bushel.

New Holland Hay

New Holland Sales Stables
Monday, Nov. 23
Report supplied by auction

123 loads.

Alfalfa 94.00-146.00; Timothy 79.00-130.00; Mixed 37.00-131.00; New Corn 66.00-95.00; Old Corn 84.00-110.00.

Good's Hay

Leola, Pa.
Wednesday, Nov. 25
Report supplied by auction

77 loads.

Straw 48.00-75.00; Timothy 101.00-117.00; Corn 72.00-73.00; Mixed 72.00-120.00; one Clover 90.00; Altalfa 100.00-153.00; Corn Fodder 33.00-39.00.

Kiester's Hay

Middleburg, Pa.
Wednesday, Nov. 25
Report supplied by auction

8 loads of hay. Timothy 81.00-86.00; Mixed 82.00-89.00; Alfalfa 82.00-122.00; Straw 50.00; new Ear Corn 64.00-66.00.

Pa. Grain

Monday, Nov. 23
Report supplied by PDA

Compared with last Monday's market for Southeastern, Central and South Central Pa. Corn uneven, mostly steady to 5 cents lower. Wheat unevenly steady to strong. Barley & Oats steady to strong. New Ear Corn steady to weak.

Prices paid delivered to dealers dock - (All prices per bushel, except Ear Corn per ton.)

Southeastern Pa.

Corn No. 2-y range 2.45-2.70, average 2.57; Wheat No. 2 range 3.20-3.74, average 3.50; Barley No. 3 range 2.10-2.25, average 2.18; Oats No. 2 range 1.90-2.08, average 1.97; Soybeans No. 1 range 5.65-5.95, average 5.77; Grain Sorghum No. 2 range 2.10, average 2.10; Buckwheat range 9.80, average 9.80; Old Ear Corn range 71.00-80.00, average 75.08; New Ear Corn range 58.00-68.00, average 61.70.

Central Pa.

Corn No. 2-y range 2.40-2.65, few reported down to 2.30, average 2.49; Wheat No. 2 range 3.00-3.50, few reported 3.90, average 3.42; Barley No. 3 range 2.00-2.25, average 2.10; Oats No. 2 range 1.55-1.80, average 1.71; Soybeans No. 1 range few reported 5.50-5.60, average 5.55; Grain Sorghum No. 2 range 2.20-2.25, average 2.23; Buckwheat range 9.00-10.00, average 9.50; Old Ear Corn range 72.00-80.00, average 76.50; New Ear Corn range 50.00-55.00, average 52.13.

South Central Pa.

Corn No. 2-y range 2.40-2.60, average 2.49; Wheat No. 2 range 2.85-3.60, mostly 3.00-3.25, average 3.12; Barley No. 3 range 2.00-2.20, average 2.13; Oats No. 2 range 1.80-2.00, average 1.92; New Ear Corn range 55.00-63.00, average 60.38.

Western Pa.

Corn No. 2-y range 2.35-2.70, mostly 2.50-2.60, average 2.55; Wheat No. 2 range 3.00-3.10, average 3.04; Barley No. 3 range 2.20, average 2.20; Oats No. 2 range 1.75-2.00, average 1.86; Buckwheat range 8.00, average 8.00; Old Ear Corn range 70.00-72.00, average 71.00.

Southeastern, Central & South Central Summary

Corn No. 2-y range 2.40-2.70, average 2.53; Wheat No. 2 range 3.00-3.60, average 3.40; Barley No. 3 range 2.00-2.25, average 2.14; Oats No. 2 range 1.60-2.00, average 1.84; New Ear Corn range 50.00-65.00, average 58.35.

Central U.S. Carlot

Wednesday, November 25
Report supplied by USDA

Compared to Tuesday's 4:00 report: Steer and heifer beef steady. Demand and trading moderate with most offerings for prompt shipment. Packers bullish on week-end and next week shipments. The boxed beef carcass cutout value declined $.13 to an estimated $100.99 per cwt. Sales reported on 46 loads of steer and heifer beef.

STEER BEEF
21 Loads
FOB Omaha Basis

Choice 3: 600-900 lbs. 95.00, steady.

Choice 4: 600-900 lbs. 82.00-83.00, steady.

Good 2-3: 600-900 lbs. 93.00, steady.

HEIFER BEEF
25 Loads
FOB Omaha Basis

Choice 3: 550-700 lbs. 91.00-92.00, mstly 92.00, steady.

Choice 4: 500-700 lbs. 82.00, steady.

Good 2-3: 550-700 lbs. 91.00, steady.

Cow beef steady, some 2.00 lower in midwest.

COW BEEF
15 Loads
FOB Omaha Basis

Brkg Utlty 3-4: 450/up lbs. 69.50 west.

Bng Utlty 1-2: 400/up lbs. 72.50 West.

Bng Utlty 1-2: 400/up lbs. 69.00-71.00 Midwest.

FOB Amarillo Basis

Brkg Utlty 3-4: 450/up lbs. 70.50.

PRIMAL BEEF CUTS
1 Load
FOB Omaha Basis

BULL 1-2: 500/up lbs. 85.50.

PRIMAL BEEF CUTS
6 Loads
FOB Omaha Basis

HINDS (H): 120-170 lbs. 103.00-104.00.

FULL PLATES: 54.00.

FOR THE WEEK: Choice 3 steer beef 2.00 lower, yield grade 4 1.00-[illegible] lower. Choice heifer beef 3.00 lower, yield grade 4 1.00 lower, Good 2.00 lower. Cow beef 1.00-2.00 higher to west coast, .50-1.50 lower in midwest.

Compared to Tuesday's 4:00 report: Fresh pork loins 14-17 lbs. mostly 2.50 lower, 17-22 lbs. steady, 22/up lbs. 4.50 higher than last test. Picnics, 1.00-3.00 lower. Boston butts 4-8 lbs. 1.25 higher in very limited market test. Spareribs 1.00-2.00 higher. Fresh hams steady to .50 higher. Sdls bellies 1.50-3.00 lower. Fresh 72% trimmings steady. Boneless picnics 1.00-2.00 lower late. Trading slow early, moderate late. Demand light to moderate. Sales reported on 75½ loads and 19 loads of trimmings.

FRESH PORK CUTS

LOINS: 14-17 lbs. 90.00-92.00, mostly 90.50, 1.00 to mostly 2.50 lower; 17-22 lbs. 83.00, steady; 22/up lbs. 80.00, 4.50 hghr than last test.

PICNICS: 4-8 lbs. 46.00, 1.00-3.00 lower; 8/up lbs. 43.50, 2.50 lower.

BOSTON BUTTS: 4-8 lbs. 69.00, 1.25 higher in very limited market test.

SPARERIBS: 3.5/dn lbs. 85.00-86.00 frozen, 1.00-2.00 higher; 3.5-5.5 lbs. 76.00 fresh.

SKINNED HAMS: 14-17 lbs. 89.00; 17-20 lbs. 85.00-86.00, steady; 20-26 lbs. 82.50-83.00, steady-.50 higher; 26/up lbs. 66.50.

BELLIES, SDLS: 12-14 lbs. 51.00, pt ld 51.50, 2.00-3.00 lower; 14-16 lbs. 51.00, pt ld. 51.50, 2.00-3.00 lower; 16-18 lbs. 49.50, ld. early 50.50, 1.50-2.50 lower.

PORK TRIMMINGS
BONELESS PROCESSING PORK
(Chemical Lean)

42% lean trimmings fresh 42.00.

72% lean trimmings fresh 71.00-72.00, steady.

72% lean trimmings frozen 71.50.

72% bnls picnics fresh 71.00-72.00, late 71.00, 1.00 lwr late.

72% bnls picnics frzn 72.00-74.00, late 72.00, 2.00 lwr late.

FOR THE WEEK: Fresh pork loins steady to 2.00 higher, except 22/up lbs. 4.50 higher. Picnics 1.50-4.00 lower. Boston butts 4-8 lbs. 3.00 lower. Spareribs 1.00-3.00 higher. Fresh hams 1.50-2.50 higher, except 26/up lbs. .50-2.00 lower. Sdls bellies 2.00-7.00 lower. 42% trimmings .50 lower. 72% trimmings and boneless picnics 1.50-2.50 lower. Skinned jowls steady.

St. Louis Cattle

Wednesday, November 25
Report supplied by USDA

Receipts This Week	3,000
Week Ago	3,000
Year Ago	2,600

Comared last week slaughter steers and heifers mostly .50 lower. Cows 1.00 higher. Bulls 1.00-2.00 lower. Slaughter supply fully 50% steers, near 30 per cent heifers and 15 per cent cows.

SLAUGHTER STEERS: Mixed Choice and Prime 2-4 1050-1250 lbs. 59.50-60.50. Choice 2-4 950-1275 lbs. 58.50-60.00, part load Choice 2-3 965-lbs. 60.75 at midweek. Mixed Good and Choice 2-4 900-1225 lbs. 57.50-58.50. Good 2-3 900-1175 lbs. 55.50-57.50. Few mostly Good 2-3 1075-1275 lb. Holsteins 52.00-54.00.

SLAUGHTER HEIFERS: Mixed Choice and Prime 2-4 875-1075 lbs. 57.50-58.00. Choice 2-4 825-1050 lbs. 56.00-57.50. Mixed Good and Choice 2-3 750-1000 lbs. 54.50-56.00. Good 2-3 700-950 lbs. 52.50-54.50.

COWS: Closing sales; Utility and Commercial 2-4 36.00-38.00. Boning Utility 1-2 38.00-40.00. Cutter 1-2 34.00-37.00. Canner and Low Cutter 1-2 38.00-40.00. Cutter 1-2 34.00-37.00. Canner and Low Cutter 1-2 31.00-34.00.

BULLS: Yield Grade 1-2 1000-1800 lbs. 42.00-48.00, mostly 43.00-47.00.

FEEDER CATTLE: Limited supply feeder steers and heifers uneven, but generally steady. Supply mainly medium frame 1-2 steers and heifers.

FEEDER STEERS: Medium Frame 1-2 400-900 lbs. 57.00-61.00. Few lots medium frame 2 300-600 lbs. 50.00-54.00.

FEEDER HEIFERS: Few lots medium frame 1 300-650 lbs. 50.00-55.00. Medium Frame 1-2 350-600 lbs. 45.50-50.00.

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12:30 P.M.- Dairy Cows
7:00 P.M.- Small Animal Sale
For Special Sales and Herd Dispersals on the farm or at our barn or other market information call: Office 717-733-2444.
WALTER H. RISSER, Proprietor

Livestock market and auction news

East Coast Carlot

Wednesday, Nov. 25
Report supplied by USDA

Compared to Tuesday's close: Prime special fed veal fully steady. Good and Choice boning veal steady; inshipped steady to 2.00 higher. Lamb, mixed weights, mostly steady. Boneless beef 90 chem lean steady to 2.00 higher than last week; 85 chem lean 2.00 to 2.50 higher.

VEAL CARCASS
Prime (Special Fed)
HIDE-ON
390 Head

180-240 lbs. 170.00-180.00, fully steady.

BONING TYPE
HIDE-ON
Good & Choice

Northeastern Suppliers: 65-75 lbs. 78.00, few 73.00, all steady; 55-64 lbs. 76.00, few 71.00; 45-54 lbs. 74.00, few 69.00; 35-44 lbs. 72.00, few 67.00; 34 lbs. down 70.00, few 65.00.

Inshipped: Late yesterday. 71-80 lbs. 82.00-84.00, all steady-2.00 higher; 61-70 lbs. 80.00-82.00; 51-60 lbs. 78.00-80.00; 41-50 lbs. 76.00-78.00; 30-40 lbs. 74.00-76.00.

LAMB CARCASS
Choice & Prime 3-4
17 Loads

55 lbs. down 115.00, all mostly steady; 55-65 lbs. 110.00, few 109.00; 55-75 lbs. 105.00, few 104.00.

BONELESS BEEF
16½ Loads

90% chem lean fresh 109.00-110.00; 112.00 pl., steady-2.00 higher than last week.

85% chem lean fresh 105.00, 2.00-2.50 higher.

CURED AND PROCESSED MEATS
3 Loads

Semi-Boneless Hams: 14-17 lbs. 118.00 firm.

No. 1 Sliced Bacon, Vacuum Pack, 1 lb. pkg. 110.00 weak.

Franks, 70 beef, 30 pork, 1 lb. pack 89.00 steady.

Compared to last week: Prime special fed veal fully steady. Good and Choice boning veal steady; inshipped 3.00 to 4.00 higher. Mixed weights of lamb mostly 3.00 to 4.00 higher. Boneless beef mostly steady to 2.00 higher.

Middleburg Auction

Tuesday, November 24
Report supplied by auction

CATTLE 251. Choice slaughter steers 61.00-63.85, Good 58.00-62.85, Standard 55.00-58.00, Utility 48.00-55.00. Choice slaughter heifers 60.00-62.85, Good 55.00-58.75, Standard 50.00-55.00, Utility 40.00-50.00. Utility & Commercial slaughter cows 38.00-43.60, Cutters 36.00-42.00, Canner & Low Cutter 30.00-36.00, Shells down to 25.00. Good slaughter bullocks 52.00-58.75. Yield Grade #1 1200-1950 lbs. slaughter bulls 48.00-60.10; yield grade #2 800-1200 lbs. 42.00-48.00.

CALVES 150. Choice vealers 85.00-95.00, Good 75.00-85.00, Standard & Good 90-110 lbs. 50.00-60.00, 70-90 lbs. 30.00-50.00. Farm calves, holstein bulls 90-125 lbs. 70.00-100.00; holstein heifers 80-150 lbs. 70.00-110.00.

HOGS 687. US No. 1-2 210-235 lbs. barrows & gilts 45.00-46.10, No. 1-3 190-250 lbs. 44.00-45.00, No. 2-3 190-270 lbs. 43.25-44.00. US No. 1-3 320-620 lbs. sows 40.00-44.75, No. 2-3 300-500 lbs. 35.00-40.00. Boars 225-800 lbs. 35.00-37.75.

FEEDER PIGS 140. US No. 1-3 10-20 lbs. feeder pigs 8.00-15.00 per head, No. 1-3 20-40 lbs. 15.00-30.00, No. 1-3 40-60 lbs. 30.00-40.00 per head.

SHEEP 14. Choice 85-125 lbs. wooled slaughter lambs 42.00-48.00. Slaughter ewes 12.00-22.00.

Omaha Cattle

Wednesday, November 25
Report supplied by USDA

Through midweek, steers mostly steady. Heifers .50-.75 lower, instances 1.00 off. Cows and Bulls mostly steady.

Three Day Receipts	10,650
Same period last week	13,525
Year Ago	11,600

The Holiday intrupted weak showed fairly good demand, except for yield grade 4 Steers and Heifers, despite Monday receipts of over 6800 head and near 2900 head Tuesday. Heifers were largely steady Monday but trended down Tuesday. The dressed beef trended lower early. Slaughter steers made up 47 pct of the three day supply; Heifers 38 pct. Cows 15 pct; Feedrs 7 pct.

STEERS: Few loads Choice 3 and Choice and Prime 3, few 4 1100-1350 lbs. 61.25-61.50, part load Choice 3 61.75 and load relatively high dressing 2-3 Monday 62.00. Choice 2-4 1050-1300 lbs. 60.00-61.00; 3-4 59.00-60.00, few [illegible] larger percentage 4 [illegible] 00. Few Mixed Good and Choice 2-3 59.50-60.00, few Good 57.00-59.00. Few Loads Good and Choice 1300-1450 lb. Holsteins 56.00-57.00.

HEIFERS: At midweek, three loads and part load Choice, few Prime mostly 3 1000-1050 lbs. 58.75-59.00. Choice and Mixed Choice and Prime 2-4 900-1150 lbs. 57.00-58.50, many 58.00-58.50, some 4-5 53.00-55.50. Mixed Good and Choice 2-3 56.00-57.00; Good 54.00-56.00.

Average of detailed quotations for Choice 900-1100 lb. Steers 60.50; 1100-1300 lbs. 60.66. Average cost Steers 60.30, average weight 1170 lbs. compared 61.18 and 1165 lbs. a week ago. Average cost Heifers 58.03, average weight 1031 lbs. compared 59.50 and 1025 lbs. a week ago.

COWS: High Cutter, Utility and Commercial 1-3 36.00-38.00, few high dressing 38.50-39.00. Canner and Cutter 30.00-36.00, few lightweight 25.00-30.00.

BULLS: 1-2 1100-1800 lb. 45.00-49.00, few 1 50.00.

Four States Livestock

Hagerstown, Md.
Wednesday, Nov. 18
Report supplied by auction

SLAUGHTER: Fed Steers $1.00 lower. Choice 56.00-57.75; Good 53.00-55.00; Medium 52.00 Down. Heifers Choice 53.00-53.25; Good 47.00-52.00; Medium 46.00 Down. Cows Good run but $1.00 lower. High Yield 42.00-43.00; Average 39.00-41.00; Big Middle 35.00-38.00; Fatty Herf. 33.00-36.00; Shelly 35.00 Down. Fat Bulls $1.00 higher. Good 45.00-47.00; Medium 41.00-44.00. Veal Calves Demand for choice. Light calves $2.00 lower. Choice 88.00-93.00; Good 80.00-87.00; Medium 68.00-79.00; Farm Hfrs. to 67.00; Farm Bulls to 73.00; Light & Weak 50.00 Down. Lambs Steady prices, Choice none offered. Good 40.00-44.00; Medium 39.00 Down.

STOCKER: Steers 300-500 lbs. Steady to $1.00 higher. Choice 58.00-60.50; Good 53.00-57.00; Medium 48.00-52.00; Culls 47.00 Down. Steers 600-850 lbs. Choice 55.00-57.00; Good 48.00-54.00; Medium 47.00 Down. Heifers (All Weights) Choice 51.00-57.50; Good 44.00-50.00; Medium 43.00 Down. Dairy Cows to 700.00. Bulls Choice 54.00-58.00; Good 48.00-53.00; Medium 47.00 Down. Pigs, Hd. Steady prices. 20-30 lbs. 10.00-22.00; 40-60 lbs. 23.00-34.00. Shoats by Lb. to 45.00. Slaughter Hogs $1.00 lower. 210-230 lbs. 42.75-44.00; 240-260 lbs. 42.00-44.50; 190-205 lbs. 40.00-42.00; 275-400 lbs. 37.50-42.50. Sows 300-600 lbs. 41.00-45.50; Thin Sows 32.00-40.00.

Lebanon Valley

Tuesday, November 24
Report supplied by PDA

CATTLE 137. Compared with last Tuesday's market, slaughter cows .75-$2 lower. Few Good slaughter steers 55.75-59.75, few Standard 52.50-58.25. Individual Good slaughter heifer at 56.75, few Standard 49.00-51. Utility and Commercial slaughter cows 37.50-41, couple 44.00, Cutters 33.50-37.75, Canner and Low Cutters 30-34.50, Shells down to 26.50. Few Yield Grade #1, 1150-1635 lbs. slaughter bulls 40-50.75.

CALVES 200. Few Choice vealers 86.00-99, few Good 72.00-88, Standard and Good 90-110 lbs. 60.00-65, 70-90 lbs. 50.00-56. Farm Calves: Hol. Bulls 85-125 lbs. 57.00-99, mostly 75.00-90; Few Hol. Heifers 80-130 lbs. 55.00-89.

HOGS 156. Barrows and gilts $1-$2 lower. Few Lots US No. 1-2 220-240 lbs. barrows and gilts 44-45.85, lot No. 2-3 258 lbs. at 43.10. US No. 1-3 300-585 lbs. sows 39.00-42, couple to 43.00. Few Boars 32.00-35.00.

FEEDER PIGS 20. Few Lots US No. 1-3 30-40 lbs. feeder pigs 76.00-89 per hundredweight.

SHEEP 12. Couple Choice 85 & 100 lbs. wooled slaughter lambs 59 & 62.00, few Good 55-80 lbs. 37.00-42.

Dewart Auction

Monday, November 23
Report supplied by PDA

CATTLE 189. Few Low Choice 1025-1200 lbs. (3-4) slaughter steers 58.75-59.75, Good 55.50-59, Standard 51.50-55. Few Good slaughter heifers 52-54.50, few Standard 45.00-50. Utility and Commercial slaughter cows 36-39.75, few 42.75, Cutters 33.75-37, Canner and Low Cutters 29-33.75, few Shells down to 20. Individual Good slaughter bullock at 55.60. Few Yield Grade #1, 1150-1925 lbs. slaughter bulls 48-54.75. Few Large Frame #3, 740-830 lbs. feeder steers 40.50-41.75.

CALVES 208. Choice vealers 85.00-95, few Good 60.00-75, Standard and Good 70-100 lbs. 45.00-56, few Utility 60-85 lbs. 34.00-50. Farm Calves: Hol. Bulls 85-125 lbs. 75.00-91, couple 98.00; few Hol. Heifers 90-120 lbs. 90.00-125.00.

HOGS 268. US No. 1-2 2-235 lbs. barrows and gilts 45.20-45.90, lot 46.70, No. 1-3 205-245 lbs. 44-45.20, lot 45.80, few lots No. 2-3 250-265 lbs. 43-43.40, few lots No. 1-3 170-190 lbs. 40.75-44.25. US No. 1-3 325-600 lbs. sows 40.50-42.75. Few Boars 32.75-37.75.

FEEDER PIGS 214. US No. 1-3 10-20 lbs. feeder pigs 8.00-19.50 per head, No. 1-3 20-35 lbs. 19.50-30 per head, No. 1-3 35-50 lbs. 30-37.50, few lots No. 1-3 75-105 lbs. 55-56.50 per hundredweight.

SHEEP 14. Few Good 70-95 lbs. wooled slaughter lambs 40.00-48, few Utility 55-70 lbs. 30.00-42.

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THE OLD FARMER'S ALMANAC

NOV. 30-DEC. 6, 1981

Gape at the snowscape.

Gather greens for Christmas wreaths now . . . Walt Disney born Dec. 5, 1901 . . . First quarter of the moon Dec. 4 (Fri.) . . Average length of days for the week, 9 hours, 15 minutes . . . First co-ed college — Oberlin — founded in Ohio Dec. 3, 1833 . . Phi Beta Kappa Society founded Dec. 5, 1776 . *The narrower the mind, the broader the statement*

Ask the Old Farmer: A recipe that has been in our family for at least three generations is "fritters." My father used to call them "dough goodies." Can you tell me about them? H.D., Harrisburg, Penn

They are simply slices of bread dough fried in hot fat like a doughnut. They are sprinkled with sugar or maybe swabbed with syrup, and served hot.

Home Hints: Use a salt shaker to plant small seeds

OLD FARMER'S WEATHER FORECAST

New England: Snowstorm, 10"-15", begins week; clearing and warming by midweek; weekend brings cold temperatures, light snow north.

Greater New York-New Jersey: Snow ends, beginning of week, temperatures remain very cold, sunny and cold through weekend.

Middle Atlantic Coastal: Cold, with snow north, until midweek, turning clear and mild, then cloudy and cold.

Piedmont & Southeast Coastal: Beginning of week very cold, with hard frost and light snow; weekend clearing and mild

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Livestock market and auction news

G&M Livestock

Monday, Nov. 23
Duncansville, Pa.
Report supplied by auction

Compared to last week, market report cows-steady, steers-weak, hogs-higher.

DAIRY COWS: 450.00-1120.00.

STEERS: High Choice and Prime 61.00-63.50; Good to Choice 54.00-61.00; Standard to Good 50.00-54.00; Utility 47.00-50.00.

HEIFERS: High Choice and Prime 58.00-61.50; Good to Choice 52.00-58.00; Standard 48.00-52.00; Utility 42.00-48.00.

FEEDER STEERS: Good to Choice 300-600 lbs. 50.00-59.50; Heifers 300-600 lbs. 42.00-54.00.

BULLS: 1100-1872 lbs. 50.00-61.25; 900-1100 lbs. 42.00-54.00.

COWS: High Choice to Prime 43.00-45.75; Good 40.00-43.00; Utility 36.00-40.00; Cutters 32.00-36.00. Canners Down to 28.00.

CALVES: High Choice 80.00-90.00; Good to Choice 60.00-80.00; Standard to Good 40.00-60.00; Utility 30.00-40.00.

FEEDER PIGS: 15-25 lbs. 12.00-25.00; 25-50 lbs. 22.00-35.00.

HOGS: 200-240 lbs. 44.00-49.50; 170-190 lbs. 38.00-44.00.

SOWS: 41.00.

BOARS: 36.00-39.50.

SHEEP: 13.00-34.00.

LAMBS: 40.00-50.50.

Peoria Cattle

Wednesday, November 25
Report supplied by USDA

51 Weekly Cattle Summary: Compared to last week slaughter steers finished mostly steady. Heifers steady, instances .25 to .75 higher. Cows steady to 1.50 lower. Bulls steady. Trade opened the week slow, but turned fairly active by midweek due to reduced supplies. Receipts this week mainly low Choice to average Prime consignments with liberal volume of YG 4's. Receipts this week about 2800 as compared to 3072 a week ago and 2886 a year ago.

SLAUGHTER STEERS: Choice, few Prime 2-4 1050-1325 lbs. 59.50-61.00, bulk 60.00-61.00. Package 1382 lbs. 61.25. Couple packages 1100-1250 lbs. 61.50. Mixed Good and Choice 2-3 950-1200 lbs. 59.00-60.50, load 1175 lbs. 61.00. Goods 57.50-59.00, few lots 1150-1350 lbs. Holsteins 52.50-56.50.

SLAUGHTER HEIFERS: Choice, including Prime 2-4 900-1050 lbs. 57.50-59.00. Four loads 975-1100 lbs. 59.25-59.50. Part load 1050 lbs. 59.75, package 1065 lbs. 60.00. Mixed Good and Choice 2-3 850-1000 lbs. 56.00-58.00. Good 54.00-56.50.

COWS: Utility and Commercial 1-3 34.50-39.00, package 40.00. Cutter 33.00-37.00. Canner and Low Cutter 30.00-35.00.

BULLS: YG 1-2 1100-2450 lbs. 42.00-48.00, couple 50.00.

Joliet Cattle

Wednesday, November 25
Report supplied by USDA

CATTLE: Friday through Wednesday's salable receipts 3,400; 5 days last week 4,077; same period a year ago 3,697. Trading slow on Monday; active on Wednesday. Slaughter steers ended the week steady to 50, instances 1.00 lower compared with Wednesday of last week, with the most decrease on YG 3 steers. Slaughter heifers ended the week steady to 50 lower. Cows closed the week weak to 1.00 lower.

SLAUGHTER STEERS: Mixed High Choice and Prime 3-4 1100-1300# 60.50-61.00; YG 3-4 few 5 59.50-60.50, mostly 4 to 5 1350-1450# 58.00-59.00. Choice 2-4 1025-1300# 60.00-61.25; 2 loads 61.50. Mixed Good and Choice 2-3 1000-1200# 58.50-60.50.

SLAUGHTER HEIFERS: Load Choice, few Prime, mostly 3 1050# 60.00 Monday. Choice 2-4 900-1050# 58.00-59.00, load 1060# 60.00 Monday. Mixed Good and Choice 2-3 800-1000# 56.50-58.00.

COWS: Cutter and Utility 1-3 35.00-38.00 Monday; 35.00-36.00 Wednesday.

Shenandoah Valley Livestock

Harrisonburg, Va.
Saturday, November 21
Report supplied by auction

STOCKER, FEEDER, AND SLAUGHTER CATTLE: Good Light Steer Calves 58.00-62.00; Medium 53.00-57.75; Plain 52.00 and down; Good Heavy Steers 55.00-58.50; Medium 50.00-54.75; Plain 49.00 and down; Holstein Steers 48.00 and down; Good Light Heifer Calves 48.00-52.50; Medium 43.00-47.75; Plain 42.00 and down; Good Heavy Heifers 45.00-49.00; Medium 40.00-44.75; Plain 39.00 and down; Slaughter Cows 41.00-46.50; Utilities 36.00-40.75; Cutters & Canners 35.00 and down; Milk & Stock Cows 322.50 and down; Stock Bulls 44.50 and down; Slaughter Bulls 48.75 and down.

CALVES: Veal Calves 75.00 and down; Baby Calves 65.00 and down.

SHEEP & LAMBS: Choice Blue O 47.25; Good Red O 43.00; Feeder Lambs 42.00 and down; Slaughter Ewes 11.75 and down; Stock Ewes 32.00 and down.

HOGS: Top 44.00; Sows 49.50 and down; Boars 32.00; Butcher Hogs 50.00 and down.

Conservation District needs antlers

HARRISBURG — Deer hunters are asked to donate unwanted deer antlers and antlers from other members of the deer family to the Dauphin County Conservation District.

The Conservation District will use a deer antler study program established by the Pennsylvania Game Commission as part of its Environmental Education Program for Dauphin County schools.

This study program can only be implemented if a sufficient quantity of antlers can be obtained. Hunters are not asked to part with trophy racks, but if they have an average rack nailed on some forgotten shed, they could be better used by allowing children the opportunity to examine nature's miracle of antler growth.

If you can assist with their search for antlers, call the Conservation District at 717/652-7048, or drop them off at the office in the Lower Paxton Township Municipal Building, 75 S. Houcks Road, Room #305, Harrisburg, PA 17109.

Dairy barn burns

STRABURG — Some $200,000 in damages resulted last Sunday when a dairy barn and three auxiliary buildings burned on the Jacob Stoltzfoos farm in Strasburg Township, Lancaster County.

Rebuilding of the barn by friends and neighbors was as well underway already during the past week. The fire was reportedly deliberately set in the barn by a 16-year-old area youth.

ANDERSON FERTILIZER

Fall 1981 Early Order Mixed Fert. Price List

Select your fertilizer blend, schedule delivery or pickup by date shown above price column, lock in that F.O.B. price per ton with full payment by 12/14/81.

Prices are F.O.B. Maumee, OH plant

BLEND	Dec. 14 $/ton	Dec. 28 $/ton	Jan. 30 $/ton	Feb. 27 $/ton	Mar. 30 $/ton
10-20-20	171.00	176.00	179.00	183.00	189.00
12-24-24	196.00	201.00	204.00	208.00	214.00
12-12-12	147.00	152.00	155.00	159.00	165.00
16-16-16	176.50	181.50	184.50	188.50	194.50
19-19-19	200.00	205.00	208.00	212.00	218.00
20-10-10	168.50	173.50	176.50	180.50	186.50
28-13-13	210.00	215.00	218.00	222.00	228.00
8-32-16	193.00	198.00	201.00	205.00	211.00
10-30-10	185.00	190.00	193.00	197.00	203.00
6-24-24	177.50	182.50	185.50	189.50	195.50
5-20-20	158.50	163.50	166.50	170.50	176.50
5-10-10	109.00	117.00	120.00	124.00	130.00
0-26-26	176.00	181.00	184.00	188.00	194.00
0-14-42	164.00	169.00	172.00	176.00	178.00

BULK DISCOUNT - $9 per ton

Today's quotations for straight material F.O.B. Ohio plant

	Bulk	Bags
Urea 46-0-0	$197	$209
TSP 0-46-0	176	188
Potash 0-0-60	126	138
Dap 18-46-0	216	228
Am. Nit. 33⅓-0-0	Ask	Ask

Anderson Hybrid Seed Corn

	MF, MR	SF, SR, PP	LF, LR
7 var. double cross	$24 per unit	$19 per unit	$21 per unit
5 var. 3 way cross	$30	$25	$27
4 var. modified single cross	$39	$34	$36
5 var. true single cross	$46	$41	$43

Priced: Cash with order F.O.B. PA warehouse - 80,000 kernels per unit

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Estimated delivery charges to your farm per ton.
These rates are estimates - call toll free for exact rate to your farm.

Erie	$9.75	Doylestown	$35.75
Ridgeway	13.75	Lancaster	29.75
Wellsboro	23.60	Indiana	13.25
Scranton	29.90	Chambersburg	23.60
Washington	11.75	Lewistown	23.10
Lewisburg	24.50	Somerset	14.25
Hamburg	30.50	New Castle	9.20

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Farming's Futures

By David K. Sauder
Commodity Advisor
Trade Tech, Lancaster

Why does the basis differ from one location to another?

Saying that the basis differs from one location to another is the same as saying that prices differ from one location to another. On the same day the cash price is Localville is $1.80, it may be $1.76 in some other location. And $1.845 in another, and $1.91 in still another.

In each of these communities, there is obviously a different basis. One reason is that locations with lower-cost transportation to the primary areas of grain demand generally enjoy a price advantage over less favorable locations.

The excent to which a local price happens to be below the current Chicago cash price at a particular time may — nor may not — be the same as the current cost of transportation to Chicago. While local prices for grain of comparable quality are not usually below the Chicago price by more than the cost of available transportation, they may be below the Chicago price by less than this amount.

Reason: Elevators and other owners of grain sell to whoever offers them the highest net price. Thus, if a bidder from some other location offers a higher price than buyers from Chicago are currently willing to pay, the local price is likely to be higher than the Chicago price minus transportation cost.

How is the basis affected by the passage of time?

The most predictable feature of the basis is the tendency to narrow—by the amount of reduced storage costs—as the delivery month is approached. Thus, if storage costs of 4 cents a month are included in the basis, the likelihood is that the basis will narrow at the rate of 4 cents a month. This, of course, assumes that the other basis components remain unchanged.

Example: In January, the Localville price of $1.80 is under the March futures price of $2.10 by 30 cents. That is, the basis (which includes storage costs) is 30 cents. By February, all else remaining unchanged, the basis should narrow to 26 cents. By March, all else remaining unchanged, it should narrow to 22 cents.

The tendency of the basis to become narrower as the delivery month is approached is known as convergence. Indeed, at the time and place of delivery, the cash price and futures price are normally the same. This convergence is assured by the fact that if prices were higher in the futures market than in the cash market, or vice versa, traders would buy or take delivery in the low-priced market and sell or make delivery in the high-priced market, thereby quickly minimizing any price difference.

The drawing below illustrates the "normal" relationship between cash prices and futures prices as the delivery month is approached.

In the real world of continuously fluctuating prices, of course, the cash-futures price relatinship is seldom as exact as depicted in the drawing. Much more typical is the chart of actual cash and futures prices over a several month period.

How do futures differ from one marketing year to next?

Each harvest begins a new marketing year with its own supply and demand arthimetic. Simply put, the start of a new marketing year is the start of a "new ball game." Price levels may be higher or lower than during the previous year.

As a result, the futures price for the last delivery month of one marketing year may differ sharply from the futures price for the first delivery month of the next marketing year. For example, if the remaining supply of "old crop" corn is expected to be roughly equal to the needs of feeders, processors and exporters during the summer and fall months but a bumper "new crop" is expected to be harvested in December, the stair-stepping of futures prices might be as shown on the chart.

This is not to say "old crop" and "new crop" prices are always or totally unrelated. Such is not the case. If there is an over-abundance of old crop supplies as the marketing year draws to a close and a big new crop is in the offing, the large impending harvest will almost certainly have some depressing effect on old crop prices. Conversely, if old crop supplies are barely adequate for the remainder of the year and a small new crop is in prospect, the possibility of a potential shortage is likely to lend strength both to old and new crop prices.

Send questions on futures trading to Farming's Futures, Lancaster Farming Newspaper, Box 366, Lititz, PA 17543.

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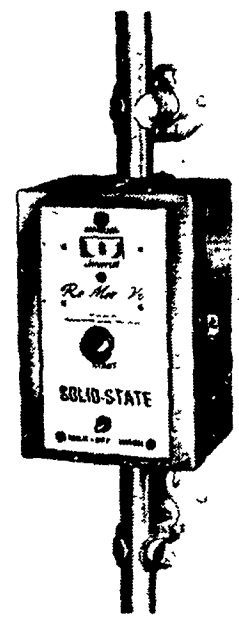

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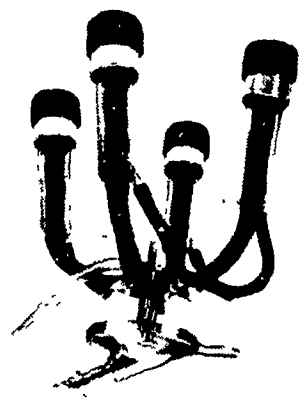

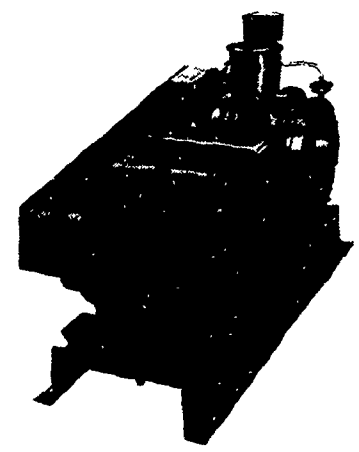

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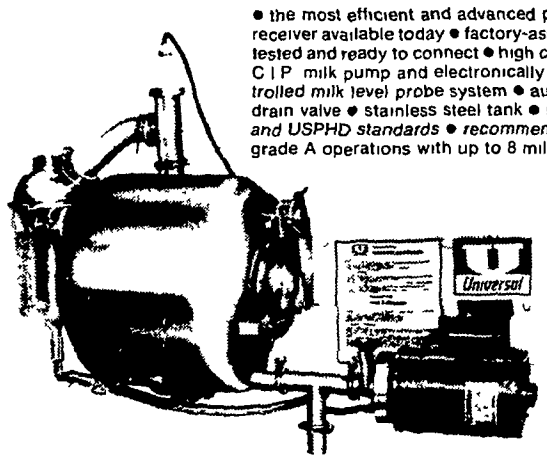

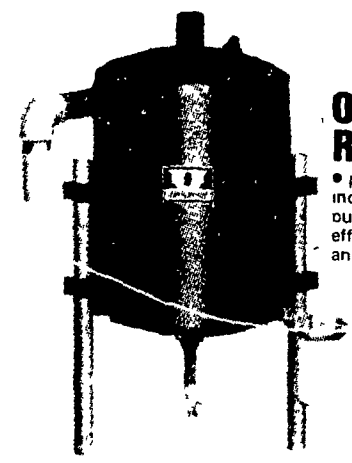

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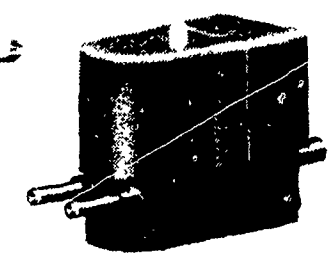

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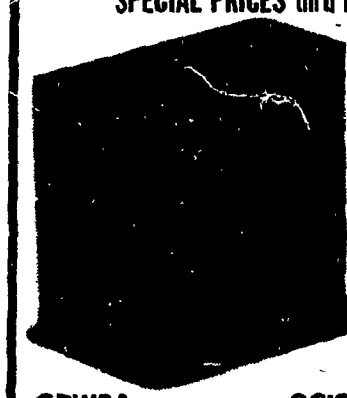

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Off the Sounding Board

By Sheila Miller, Editor

Room for one more?

Farmers in America have realized the need to band together for self-preservation from the time daring ships carried the first settlers to this great agricultural nation.

Pioneer farmers joined forces — first to ensure a fair price for their shiploads of tobacco and furs sent to England, and later to secure a viable return for their labors from inhabitants of population centers like Boston and Philadelphia.

Over the years, many farm groups have emerged — some have vanished from the scene while others have become well entrenched in the American agricultural world. The services of organizations such as the Grange and American Farm Bureau Federation have been recognized and utilized by farmers for years.

Along with these two veteran farm groups, many smaller, newer factions have sprung up — such as the National Farmers Organization which is holding its national convention this week, American Agricultural Movement, Farmers Union, and others. With so many to choose from, farmers can find a representative to meet their political needs, whether they're leaning to the left, right, or somewhere in between.

And, if the farmers don't find these groups, the groups try to find the farmers. Membership drives scour the ag community in an effort to bolster numbers. The larger the force behind their lobbying efforts, the greater credence given to an organization when it comes to influencing politicians, not to mention the financial backing provided by membership dues.

With all the farm organizations around, it seems hard to believe there can be room for still another. But, a new organization is being formed. It's name — the American Farmers Association.

This organization is not to be confused with American Farm Bureau or the states' Farmers Associations, even though its broad doctrine seems to be overlapping the purposes of these long established farm representatives.

According to AFA founder George J. Arden, The American Farmers Association was formed to meet the serious need among farmers for expert financial planning assistance and to offer farmers many important economic benefits never before available to them. "AFA recognizes that farmers comprise a vital professional group in this country and it is devoted to their financial betterment."

How does AFA plan to accomplish this goal? They say they'll be offering a number of specialized services.

"AFA's service arm, Farmers Planning Service Corp., consists of a nationwide network of financial and estate planning experts who provide in-depth advice in such diverse areas as estate conservation, buy and sell agreements, liquidity of assets, wills, property, incorporation, compensation, employee benefits, retirement plans, tax planning and life and health insurance."

This fledgling farm group also plans to maintain a permanent lobby in Washington, D.C. "for the advocacy of agricultural interests and to serve as a legislative watchdog." Low-cost group and individual insurance plans, special economic and tax seminars, and a variety of consumer programs — such as discounts on the purchase of farm equipment, special leasing programs, and discounted prices on tires, autos, and major appliances — are in the planning, too.

Notice any overlap in efforts already provided by our established, recognized farm representatives?

Helping in the financial end of this group's service to farmers will be its president, Paul Douglass, whose credentials include being the author of the book, Guide to Planning the Farm Estate.

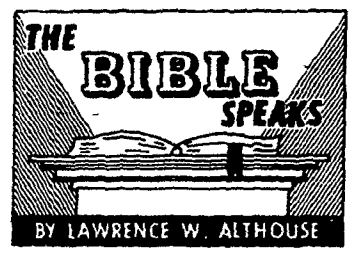
Also on board with AFA are several other well-known people: former Secretary of the Treasury Honorable William E. Simon; Congressman Eugene J. Keogh, the original sponsor of the Self-Employed Retirement Act (HR-10/Keogh Act); former U.S. Senator Eugene J. McCarthy; former California governor Edmund G. 'Pat' Brown; and Lionel Steinberg, president of the California Board of Food and Agriculture. This impressive list of advisors, says AFA, includes "prominent people who are actively involved in the agricultural industry."

Pointing out that farmers don't have the time to devote to the details and demands of their professsion, or the time to learn all they need to know about finanicial planning, Arden announces that "by joining AFA, farmers can save time by relying on experts who can help them to create and update an effective financial plan to enhance economic growth now and maintain a sound course in the future."

AFA, with headquarters in Arden's hometown of Yorktowne Heights, New York, sounds too much like a duplication of effort of our present organizations, without the track-record to go with them.

Splinter groups and special factions should fill a need not already being met. Otherwise it will only tend to fragment the farm effort which has fallen prey to the forces of "divide and conquer" all too often.

There is a limit to the number of organizations farmers can support.



BORN AGAIN . . . TO LOVE

November 29, 1981

Background Scripture:
I John 4.

Devotional Reading:
I Timothy 6: 11-21.

There is a lot of controversy about what it means to be "born again," a term that seems to be but one more way that followers of Jesus Christ separate themselves from one another — and from him! The term, of course, comes from John 3:3 and the story about Nicodemus. Jesus tells the pharisee that one must be "born anew" (or "born from above") if he is to see the kingdom of God.

What does this term mean? What is John trying to say to us by including it in his gospel? Unfortunately, Christians cannot agree on their answers. But, if we read all of John's gospel and his epistles as well, it becomes apparent that the purpose of the "new birth," as well as the evidence for it, is love.

Love and Know God

John follows the story of Nicodemus with the well-known assurance that "God so love the world that he gave his only son. . ." And throughout his gospel and epistles he stresses over and over that, as Christ has loved us, so we must love one another. "New birth" is mentioned but a few times in the fourth gospel, whereas love is its theme. But in John's first epistle, he brings the two concepts together: "Beloved, let us love one another; for love is of God, and he who loves is born of God and knows God" (1 John 4:7). In other words, whatever else the "new birth" entails, the mark of it, the purpose of it, is to love one another.

As Christians we may like each other, at best, or tolerate each other and discipline our combative and hostile impulses. But "love one another"? Is it possible, Lord? Is that what you really want from us? And if it is, can we do it?

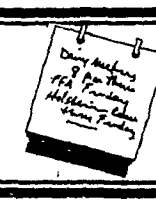
Isn't that what Jesus was all about? To show us — not just tell us — to demonstrate to us that it is not beyond our human capacity to love one another the same way that Christ loved us. "In this is love, not that we have loved God but that he loved us and sent his son to be the expiation of our sins" (4:10). The love that took Jesus to his cross was a gift that was given him by God. And that same gift can be given to us, if we really want it.

God and Our Brother

What blocks the gift of love, is our hate. For hate is not just something that happens in us, not just a feeling that takes us over, but it is something that we hold onto because we enjoy it. Hate is not a disease against which there is no defense, but the serpent we invite into our lives and hold onto. So, "If any one says, 'I love God,' and hates his brother, he is a liar; for he who does not love his brother whom he has seen, cannot love God whom he has not seem" (4:20). If we continue to hate it is because we choose to hate rather than love.

All of us are called by God to be "born anew" and the purpose of that rebirth is to love.

Farm Calendar



Tuesday, December 1

NPPC 1981 Profit Symposium, Des Moines, Hyatt House, Des Moines, Iowa

National Farmers Organization National Convention, Indianapolis, Indiana.

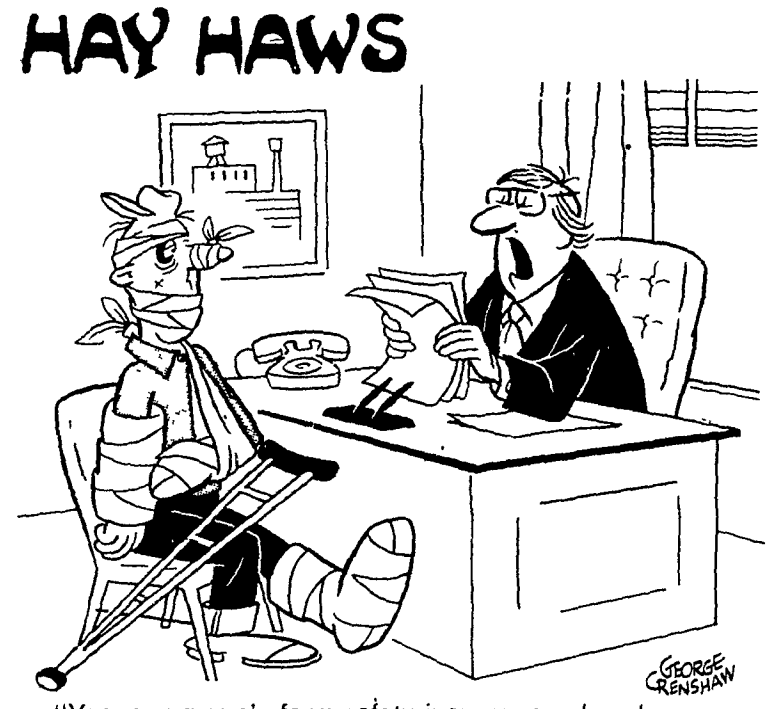
Thursday, December 3

Grain marketing workshop, begins at 9 a.m., continues tomorrow, Sheraton Inn, Dover, Del.

Saturday, December 5

15th Nat'l Young Farmer Educational Institute, Hershey, continues through December 9

HAY HAWS



"Yes, our group's farm-safety insurance policy does cover falling off the barn all right, but not hitting the ground."

NOW IS THE TIME

By Jay Irwin

Lancaster County Agriculture Agent
Phone 717-394-6851

To Be Careful When Cleaning Manure Pits

Many manure pits will be emptied at this time of year. It's an opportunity to clean out the pit before cold weather arrives.

When this volume of manure is agitated, there is great danger of toxic and explosive gases being released. Every precaution should be taken.

If there are animals above the pits, maximum ventilation should be provided. When the pit is empty or partially empty, no one should enter the pit without a respirator or gas mask. There may be dangerous gases present. Also, no smoking or open flames should be nearby.

These pits are the modern way to store manure, but they do present a hazard to both man and animal.

To Control Livestock Parasites

The fall of the year is a good time to eliminate parasites from all types of livestock. Even our local animals can be infested with either internal or external parasites.

There have been a number of feeder cattle shipped into the county over the past few months. In the case of beef calves or lightweight cattle, they're often infested with stomach worms. For maximum feed efficiency and good production, these parasites must be controlled.

Your local veterinarian can be of great assistance in determining worm infestation. Don't try to manage a livestock operation that includes a parasite infection.

To Review Farm Records

Farm records are a very important part of modern farming. They're not only needed for tax purposes, but more importantly for farm planning. Since we are nearing the end of the cropping season and the end of the calendar year, it is a real good time to take a hard and detailed look at the past year's enterprises.

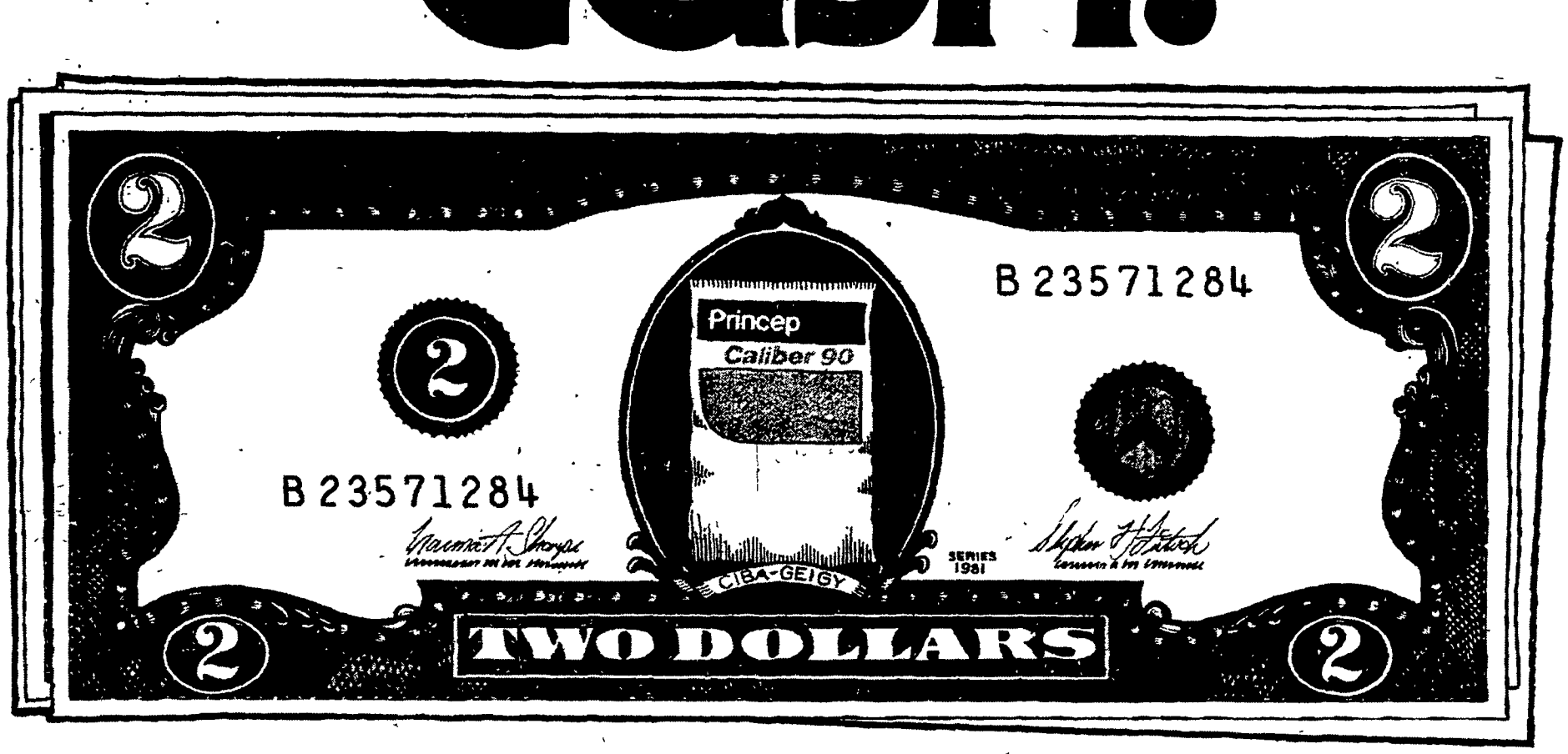
You'll find that time spent in analyzing farm records, and in planning the future based on these records, will be very worthwhile. Major decisions are hard to make but are important in today's farming. We hope that good farm records can contribute in these decisions.

To Request a Dairy Heifer Management Circular

Dairy heifers represent a dairy producer's future herd, says Lancaster Dairy Agent Glenn Shirk. They represent the future

(Turn to Page A12)

Caliber cash.



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Princep Caliber 90 Rebate.

Fill out this coupon, attach your original paid invoice showing your name and quantity of Princep Caliber 90 bags or boxes purchased between November 2, 1981 and April 30, 1982. Send to Ciba-Geigy, Ag. Div., General Services Dept., Box 11422, Greensboro, NC 27409. Rebate is good for $4.00 on every 50 lb. box or $2.00 for each 25 lb. bag you buy. All claims must be postmarked by May 21, 1982.

(PLEASE PRINT)

Name _____ Supplier Name _____
Address _____ Supplier Address _____
City _____ State ____ Zip ____ City _____ State ____ Zip ____
Number of acres treated _____

Number of 50 lb. boxes purchased ____ X $4.00 = $ _____ Rebate
Number of 25 lb. bags purchased ____ X $2.00 = $ _____ Rebate

Offer open only to end users. Allow 4 to 6 weeks for refund. This coupon may not be transferred and must accompany the original paid invoice showing number of boxes and bags purchased and name and address of purchaser. Offer good only in Conn., Del., Ill., Ind., Ky., Maine, Mass., Md., Mich., N.C., N.H., N.J., N.Y., Ohio, Pa., R.I., Tenn., Va., Vt., Wis. and W.Va. Void where prohibited, taxed or restricted.

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Block submits marketing order report to White House panel

WASHINGTON, D.C. — How the 47 fruit and vegetable marketing orders affect the nation's economy are covered in a report Secretary of Agriculture John R. Block has turned over to the President's Task Force on Regulatory Relief.

Block said he will soon announce guidelines for existing and future federal fruit, vegetable and specialty crop orders, then evaluate each order on a case-by-case basis.

"Four provisions of marketing orders give me particular concern," Block said. "Producer allotments, which restrict entry of new producers into commodity industries; prorates, which restrict the quantity of a commodity that each handler may ship to market over a stated time period; reserve pools, whereby portions of a commodity are held back from primary markets for later sale, diverted to secondary markets or disposed of in non-food uses; and quality provisions, which may possibly be misused as non-tariff trade barriers."

Crop marketing orders were among several areas of federal regulation the presidential task force targeted for review last spring. Block appointed a team of five U.S. Department of Agriculture and university agricultural economists to review the programs.

Block said the review team's report indicates marketing orders have potential for increasing economic efficiency by stabilizing returns to crop growers and by providing quality assurance to buyers.

He said the report also indicates, however, that if marketing orders limit quantities of commodities in one or more outlets, they may impose inefficiencies on the production and marketing system. The team's report describes research provisions of marketing orders as the most likely to contribute to economic efficiency.

This is followed, in descending order, by:

—Pack and container standardization;

—Grade, size and maturity standards, particularly those that remain essentially the same from year to year;

—Prorate regulations controlling rate of flow during only part of the season, and reserve pools that are used for storing commodities for later return to the market;

—Market allocation and full-season prorate provisions; and

—Provisions that allot market shares among producers.

The five-member review team, headed by USDA staff economist Richard Heifner, examined market orders in light of changes that have occurred recently in economic conditions and philosophy.

The team's report addresses the likely effects of four major options:

—continuing the programs as they are; eliminating them, but not substituting new federal programs; replacing them with other programs designed to overcome some of the same marketing problems; and changing individual marketing orders to focus on those provisions which contribute most to efficiency and productivity.

The report said marketing order provisions that allocate products to markets or regulate the flow of crops to market throughout the season have little positive effect on overall economic efficiency and may actually have a negative impact. However, the report said, these provisions "when used infrequently...may be justified as a 'safety-valve' to protect growers from disastrously low prices."

Provisions that allot market shares among producers are generally the most likely to detract from economic efficiency, according to the report, "although even these provisions may carry some stabilization benefits."

Marketing orders are designed jointly by USDA's Agricultural Marketing Service and affected producers to help overcome specific marketing problems. Marketing orders may regulate the quality and sizes of the commodity marketed, the quantity, or both. Unlike many government regulations imposed on industries, the orders are put into effect or eliminated only following a referendum of affected producers.

Assessments that handlers pay are used to finance research to improve production and marketing, as well as market development activities and advertising.

Copies of the report will be available in about three weeks from the AMS Information Division, room 2638-S, USDA, Washington, D.C. 20250.

Now is the Time

(Continued from Page A10)

genetic potential. If sires are chosen wisely, heifers should possess genetic potential superior to that of the present cows. They are the hope for upgrading the herd in the future.

Whether heifers will ever develop and produce to their potential depends largely on the care given to them when they are young. The proper care and management of dairy heifers is discussed in a new Penn State circular. For a copy of the circular, contact your Penn State Extension office. In Lancaster, our office is located in the Farm and Home center, 717/394-6851.

Md. offers 'Choose and Cut' Christmas tree directories

ANNAPOLIS, Md. — The 1981 "Choose and Cut" Christmas Tree directory is now off the press and for those interest in selecting and cutting a Christmas Tree right on the farm where it has been grown, it is free for the asking.

Copies are being sent to the public library systems throughout Maryland including the Enoch Pratt system in Baltimore and the Washington, D.C. library network and can be picked up at any library. In addition, copies are also sent to all county offices of the Maryland Cooperative Extension Service.

The 1981 edition of the ever popular director lists 25 Christmas tree farms and three retail sales lots operated by the growers. The farms are located in Anne Arundel, Allegany, Baltimore, Calvert, Caroline, Carroll, Frederick, Garrett, Harford, Prince George's, Talbot and Washington counties.

Also listed are complete road directions to the farms, the hours and days of their operation, the type and sizes of the trees and related decorative material they produce and telephone numbers for each grower.

The director is a joint effort of the Maryland Christmas Tree Association and the Maryland Department of Agriculture's Division of Agricultural Development and Marketing.

Five growers are listed for the first time further broadening the geographical choice of farms: Garrett, Caroline, nearby West Virginia and two in the Baltimore-Washington metro areas: Brandywine and Annapolis.

If it would be easier for you to secure a copy of the directory by mail, send a postcard request to: "Christmas Trees", Maryland Department of Agriculture, Parole Plaza Office Building, Annapolis, Maryland 21401 by December 5th and one will be mailed to you.

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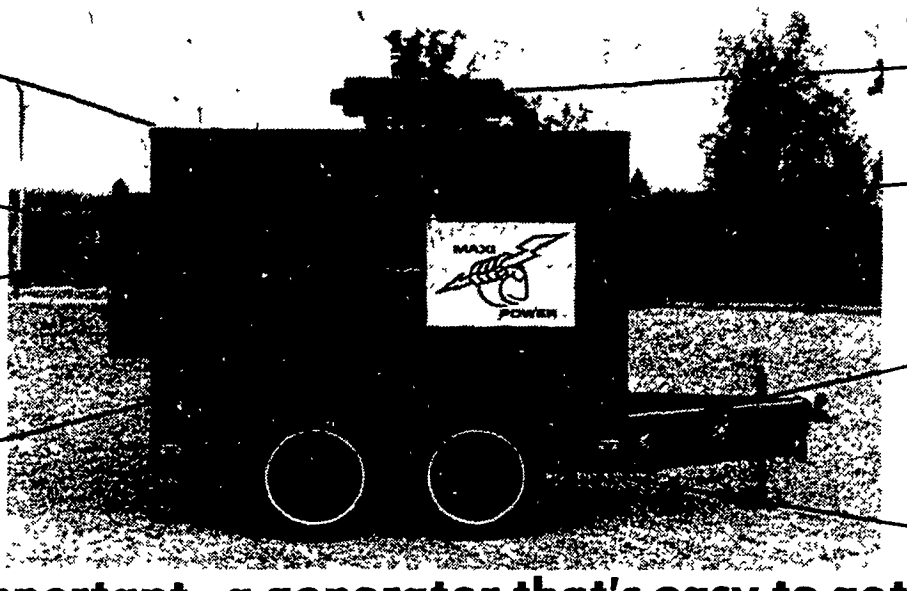
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Future sunflower acreage depends on end uses

DEKALB, Ill. — Due to a very wet, prolonged planting season in eastern Indiana and western Ohio in the spring of 1981, some farmers there decided to grow a new crop. The crop they chose was one of very few choices left in late June and early July - the first opportunity they had to work the soil and seed their fields.

Especially in the northern third of Indiana and Ohio, the time for corn or soybeans to be planted with reasonable expectation they would mature before frost this fall, was past. That's why, if you traveled through this area in August or September, you saw brilliant yellow fields of sunflowers.

These fields are being harvested and farmers will have the winter to mull over the successes and failures of their introduction to sunflower production. Due to an extremely dry period following planting, which delayed germination in some fields until early August, there will probably be some who "swear off" planting sunflowers.

Those who experience varying degrees of success will probably try another crop of sunflowers in the future. Particularly in northern areas of the Corn Belt, sunflowers offer farmers an opportunity to doublecrop after wheat or other small grain crops because short-season hybrids can be planted up to 10 days later than soybeans with a reasonable chance of maturing before frost.

The U.S. oil-type sunflower acreage will continue to increase as demand for its product grows. Current hybrids normally contain up to 45 percent oil, which is the primary product. Sunflower oil has a lower flash point than other cooking oils and smokes less when heated. It is very popular in Europe and the Soviet Union, but is still being "discovered" as a cooking oil in the United States. A sunflower margarine and a peanut-butter type spread made from sunflower seeds are now available.

Other by-products of sunflowers include the meal remaining after pressing the seed to remove the oil.

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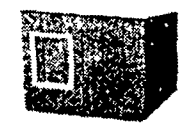
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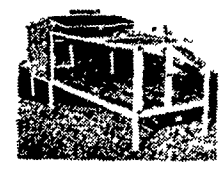
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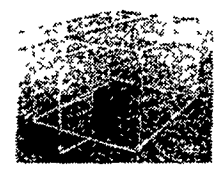
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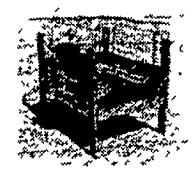
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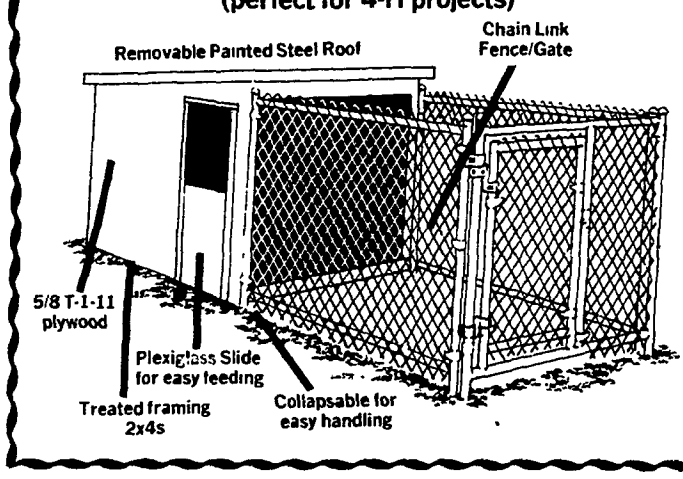

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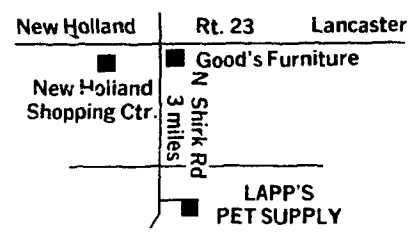

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Burleigh herd tops milk, fat records

Wayne dairy producers receive DHIA honors

HONESDALE — The fifty-fifth annual meeting of the Wayne County Dairy Herd Improvement Association was held Monday at the Pleasant Valley Grange Hall with 190 persons in attendance.

The association completed the testing year October 1 with an average production of 14,890 pounds of milk and 557 pounds of butterfat per cow, an all time high level of production. There was an average number of 4,809 cows enrolled during the year, the largest number of cows ever enrolled during fifty-five years of testing.

Kevin Burleigh, Pleasant Mount, was recognized for having the highest producing herd with a production level of 21,542 pounds of milk and 813 pounds of butterfat per cow.

Rowe Bros., Honesdale, were honored for having the cow with the highest lifetime production record. The cow, Dixie, reached a lifetime record of 251,528 pounds of milk and 10,473 pounds of butterfat. The nineteen-year-old cow completed her fourteenth lactation during the year. Unfortunately, old age took its toll and she left the herd a few months ago.

William Dennis, Star Route, Honesdale, was honored for having twenty-six percent of his cows with production records in excess of 100,000 pounds of milk and 4,000 pounds of butterfat.

The high cow in milk award went to Robert Fielding & Son for owning a cow named "Laurie" who completed a 305 day record of 31,214 pounds of milk and 946 pounds of butterfat. The Fieldings also received the High Cow in Butterfat award as a result of a record completed by "Frosty" of 28,071 pounds of milk and 1,087 pounds of butterfat.

Alton Olver, R1, Honesdale, for the fourth consecutive year, pulled down the High Quality Milk Award, which is based on the lowest average somatic cell count.

Dairy producers who received special recognition for having butterfat production herd averages in the 700 pound range were: Robert Fielding & Son, Lake Ariel, 780 pounds; Lorraine Dennis, Honesdale, 725 pounds; James Slocum, Susquehanna, 717 pounds; and Bruce Stanton, Starrucca, 717 pounds.

Herds with butterfat production records in the 600 pound category were: Paul Kennedy, Honesdale, 692 pounds; Kinghill Farm, Starrucca, 684 pounds; Rowe Bros., Honesdale, 671 pounds; Theodore Kostige, Lakeville, 670 pounds; Robert Sheard, Milanville, 664 pounds; Alton C. Olver, Honesdale, 663 pounds; James Woodmansee, Lake Como, 656 pounds; George Flynn, Lakewood, 644 pounds; Robert Wood, Equinunk, 631 pounds; John Worobey, Thompson, 630 pounds; Dean Giles, 628 pounds; George Banicky, Thompson, 621 pounds; Carl & Marion Rose, Lake Ariel, 618 pounds; Karl Canfield, Damascus, 615 pounds; Don & Wm. Bryant, Honesdale, 615 pounds; Paparella Bros., Honesdale, 614 pounds; E.W. Lepro, Thompson, 610 pounds; Clarefield Farms, Honesdale, 607 pounds; Lester Bates, Honesdale, 605 pounds; Donald K. Evans, Seelyville, 605 pounds; Grant Teeple & Son, Equinunk, 602 pounds; Glover Brothers, Starrucca, 601 pounds; and Jack & Ella Chyle, Honesdale, 600 pounds.

An election of directors was held during the course of the annual meeting with the following directors being elected: Llewellyn Courtright, R1 Lake Ariel; Theodore Kostige, Lakeville; James Slocum, R3, Susquehanna; and Grant Teeple, Equinunk.

Additional directors are Ellis Dix, R1, Pleasant Mount; William Garrett, Star Route, Honesdale; Paul Kennedy, Star Route, Honesdale; Frank Marks, R1, Damascus; Alton Olver, R3, Honesdale; Gary Rickard, R2, Honesdale; and Marlyn Shaffer, R2, Lake Ariel.

As an additional feature of the annual meeting program, John Creighton, County Extension Director, gave a slide presentation on the Dow Study Tour, a trip he took this summer to visit farms and agri-business firms in four mid-western states.

DHIA supervisors employed by the association are Steve Kammer, Honesdale; David McCloughan, Lakewood; James Rosengrant, Lake Ariel; A. Linford Sampson, Equinunk; and Joseph Schriefer, Pleasant Mount.

County crop meetings for Del. farmers

NEWARK, Del. — Want to know your sprayer better? Having trouble with your no-till corn or soybean weed control programs? Want to improve control of crop pests or develop a more economical fertilizer program? Come to one of the county agronomic crop meetings scheduled by the Delaware Cooperative Extension Service.

Meetings will be held Monday, December 14 at the Clayton Fire Hall; Tuesday, December 15 at the Felton Methodist Church; and Friday, December 18 at the University of Delaware's Georgetown Substation. Each session will start at 9:30 a.m. and run to 2:45 p.m.

The following topics will be covered at each meeting: no-till corn weed control; know your sprayer better; no-till soybean weed control; cover crops and fertilizer programs for no-till; trouble shooting no-till (audience participation is invited); and coping with crop pests—corn borer, sawfly, aphids, corn earworm, cutworm. There will also be a review of the new tax laws and a discussion of the grain marketing outlook. Another part of the program will deal with the use of manure as fertilizer.

For further information call the county Extension agent in Newark, Dover or Georgetown.

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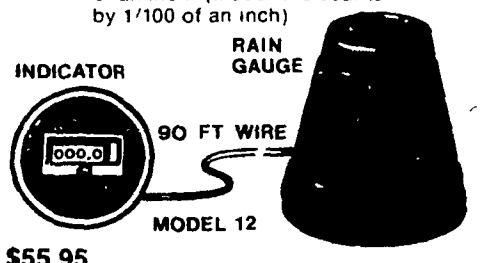

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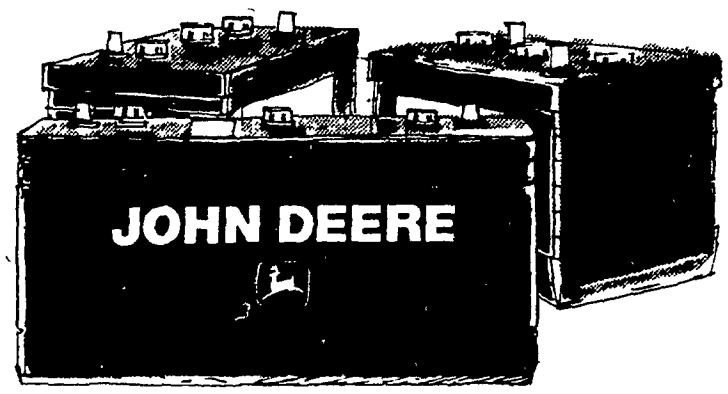

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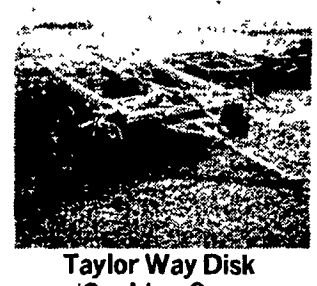
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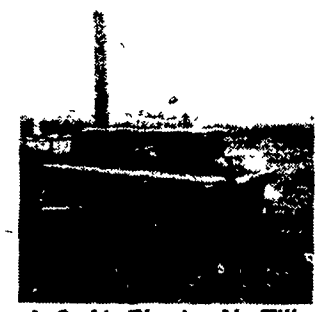
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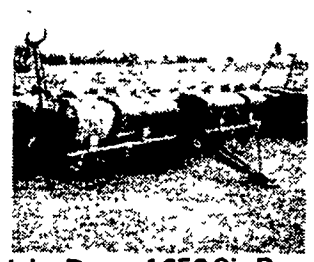
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Md. state tree is gypsy moth target

COLLEGE PARK, Md. — Maryland's state tree, white oak, may be an endangered species as far as ornamental planting is concerned.

"White oak is the preferred food plant of the gypsy moth," explains John Davidson, Extension entomologist at the University of Maryland. "While gypsy moths will eat over 300 kinds of trees and shrubs, white oak is usually the first to go."

"Unfortunately, oak trees are among the most widely planted ornamental species," continues Davidson. "Many suburban communities have grown stands of white and other oaks that are particularly attractive to gypsy moths."

"The problem is so severe that our new Extension publications will no longer recommend the use of oak, particularly white oak, as a tree for home plantings," says the University entomologist.

In Maryland, the first infestation of an area usually occurs when newly-hatched caterpillars drift with the wind and land on taller, mature trees. They feed in the crowns of the trees until they are larger, and it is usually at this stage that homeowners notice the problem. Control measures at that point are generally ineffective, suggests Davidson.

The pest was introduced into Massachusetts from Europe in 1869, but it did not spread rapidly until the late 1960s. The first extensive defoliation of Maryland trees (about 8,000 acres) occurred in the northeastern counties in 1981. Infestations are now reported throughout the state.

In view of this, Davidson suggests planting tree varieties which gypsy moth caterpillars will not eat. Despite the wide range of acceptable food plants, the insects avoid tulip poplar, sycamore, ash, catalpa, dogwood, hackberry, honey locust, horse chestnut, persimmon, walnut, osage orange and mulberry among deciduous species, and holly, arborvitae, holly and juniper in the evergreen category. Homeowners should consult their county Extension agent for information on which of these species grow well in their areas, according to Davidson.

"While oaks are the gypsy moth's first choice as food, they also feed readily on alder, apple, birch, boxelder, hawthorn, larch, linden, mountain ash, Lombardy poplar, black spruce, sumac and willows," says Davidson. "They also appear to be quite fond of roses and some other deciduous shrubs," he continues.

For gardeners who still choose to use oak in ornamental plantings, Davidson issues a warning to expect trouble in the next few years. "The problem will show up first in areas close to woods and forested land," he notes, "but will eventually spread to urban communities as well."

At the very least, Davidson recommends planting no more than 10 to 20 per cent oak in any given area, and to keep the trees separated from each other by barriers of species that are not attacked by gypsy moth.

The Extension entomologist still expects white oak to be hit hard in Maryland.

"Gypsy moth may do to white oak what Dutch elm disease did to residential elm plantings," Davidson predicts.

Plans progress for nat'l Polled Hereford show, sale

KANSAS CITY, Mo. — The 59th National Polled Hereford Convention-Show-Sale has been scheduled for Feb. 16-18, 1982, according to an announcement from the American Polled Hereford Association. The annual breed extravaganza will be held in conjunction with the Dixie National Livestock Exposition in Jackson, Miss.

Entries are expected to approach 400 head and premiums will surpass $20,000, as the breed's best from the U.S. and Canada will meet in Jackson. In addition to the internationally acclaimed show, the 59th classic will feature the APHA awards banquet, annual meetings of the APHA and National Poll-ettes women's auxiliary and the National sale.

The National show will kick off general activities Tuesday, Feb. 16, with the judging scheduled to begin at 9 a.m., at the Dixie National's Mississippi Coliseum. The annual membership meeting will take place at 5 p.m. at the Coliseum Ramada Inn, headquarters for the proceedings. Mississippi Polled Hereford breeders will host a "Mississippi Mixer" later in the evening.

Showing will resume at 9 Wednesday morning and will culminate in the slapping of the champions. Three nationally prominent beef judges have been named to the three-man composite judging team. They are Joe Lewis of Alfalfa Lawn Farms, Larned, Kan.; Dr. Dave Hawkins of Michigan State University, East Lansing; and Bill Bennett of BB Cattle Co., Connell, Wash. The judges will also establish the sale order for the National sale. The awards banquet with the Hall of Fame enshrinement, Hall of Merit presentations and National Polled Hereford Queen contest, will begin at 7 p.m., Wed., Feb. 17 at the Ramada.

Three noted pioneer Polled Hereford breeders will be inducted into the Hall of Fame that night. They are Ernest Painter and his father, the late Ralph Painter, both of La Harpe, Ill.; and Earl Vescovi, Roundup, Mont. The distinguished recipients of the Hall of Merit Awards will be R.O. Buckley, Jackson, Miss., for his work in public affairs; Dr. Hilton Briggs, Brookings, S.D., for education and research; E.H. "Ham" Wilson, Montgomery, Ala., for contributions in communications; and Jim and Sue Rowland, Marysville, Kan., for their work with youth.

An expected consignment of 50 top-quality Polled Hereford bulls and heifers will climax the events of the 59th National with the National Sale. It is scheduled for Thurs., Feb. 18, in the Mississippi Trade Mart Building, across from the Coliseum at 9 a.m. An advance nomination, screening and selection procedure has been reinstated with this year's show, and all sale animals will show in the National Show.

The 59th National Polled Hereford Convention-Show-Sale is shaping up to be the headline event of the 1982 Dixie National Livestock Show.

Don't load firearms before shooting time

HARRISBURG — The Pennsylvania Game Commission urges hunters going afield before daylight not to load their guns prior to the legal shooting hour.

During deer seasons, hunters often start out well before daylight so they reach their favorite hunting spots before dawn. Some of these hunters load their firearms before starting out.

Hunters usually trip on branches, roots, rocks, etc. when traveling in the darkness, particularly through the woods. Sometimes, a gun accidentally discharges when the hunter trips or falls, and a serious accident can result.

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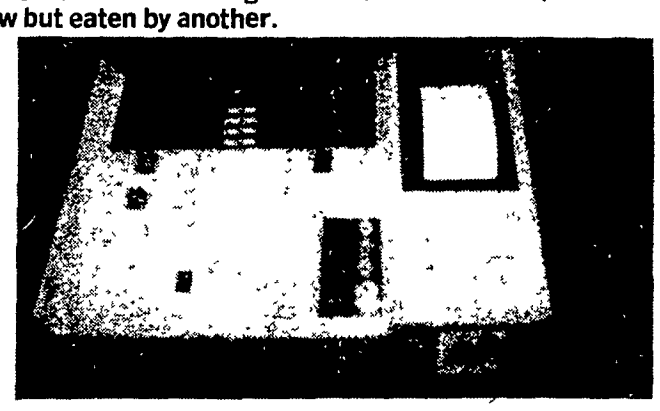

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Transplanted 'city slicker' wins FFA poultry award

BY DICK ANGLESTEIN

JONESTOWN — From self-admitted "city slicker" to earning the top national FFA proficiency award in poultry production in eight short years is the amazing story of Lisa Weikel, of R2 Jonestown.

But even more startling is the fact that Lisa is only 18 and out of high school less than a year.

And, if that isn't enough, the pert, youthful egg producer is sole manager and primarily responsible for a 47,000-layer operation and thereby shoulders a good bit of her family's livelihood.

Thus anyone who says there's no future in agriculture for today's youth, particularly those who don't come from an existing farm background, need only talk for a few minutes to Lisa, graduate of the FFA program at Northern Lebanon High School.

"It's a 24-hour baby sitting job, but I love it," she said.

"I enjoy best working with the birds and seeing just how well I can do with them.

"I've always liked working with animals."

The toughest part of the operation for her is trying to keep up with the mechanical end – the automatic waterers, feeders and egg collecting machinery. But younger brother, Doug, who is mechanically and electrically inclined, helps out in this area.

The Weikel family moved to the northern part of Lebanon County near the Indiantown Gap Military Reservation eight years ago from Harrisburg.

"We were city slickers in Harrisburg," Lisa explained, "but had a couple of horses."

"When it got too expensive to board the horses, we decided to get a small farm of our own."

Management and operational techniques of Lisa Weikel in this 47,000-layer house won the 18-year old Lebanon County FFA member the top national award in poultry production.

But after moving to the 36-acre farm, Lisa's father, Walter, suffered a stroke. There had to be a revamping of the family's plans.

Thus in 1978, the family went into the layer business with a 47,000-bird house. As the oldest child and due to her love of animals and agriculture, Lisa became primarily responsible for the operation.

She's responsible for all phases of the operation, keeping the books and managing to attain the best production from each flock. Her mother, Andrea, helps in the morning and brother Doug on the night shift.

But the chickens haven't dampened Lisa's first ag love of horses. She has a string of six quarter horses and has bred some of the stock for herself and a friend.

Although just 18, Lisa has definite future plans for both the horses and chickens.

"I'd like to expand the horse operation to include boarding and put up another chicken house, if and when interest rates improve," she explained.

The future poultry plans include an 80,000-layer house and possibly an egg processing facility so the family can go directly into wholesaling and retailing their product.

The well and electrical generator facilities are sufficient to handle another house, but like many in agriculture today future plans are being delayed pending improvement in the economic picture.

Lisa has been quite active in both FFA and 4-H. She participated in public speaking and horse judging in FFA. She was third in the state in horse proficiency.

In 4-H, her activities have centered around her horses and she serves as vice president of the Hoof and Horn 4-H Horse and Pony Club.

And in her spare time, she's in charge of a gathering crew for Dutch Country Egg Farms.

"I was surprised when I won the national proficiency award," she said.

"Two of the other regional winners had 30,000 pullets and one an additional 60,000 broilers.

"Another had just a few hundred and I thought well at least I have him beat."

But Lisa's enviable track record in just the past few years and her bright, optimistic plans for the future evidently made quite an impression on the judges.

Block appoints Pa. ASCS director

WASHINGTON, D.C. — Secretary of Agriculture John Block has appointed Eugene F. Thompson, of Marion Center, as State Executive Director of the Pennsyvlania Agricultural Stabilization and Conservation Service.

As Executive Director, Thompson will be responsible for carrying out Federal farm price support, production adjustment and cost-sharing conservation programs in Pennsylvania.

Thompson, a former dairy farmer, has owned and operated a dairy farm for over 30 years in Indiana Country. The Holstein herd was dispersed in Augut 1981, with the farm being retained at the present time.

He has been president of the Pennsylvania Young Farmers Association, Pennsyvlania Farmers Association, president of the Indiana Country Agricultural Extension Service Association and a member of the board of directors of the Atlantic Breeders Cooperative Association.

Thompson has been Acting State Executive Director for the Pennsylvania Agricultural Stabilization and Conservation Service since August 10, 1981.

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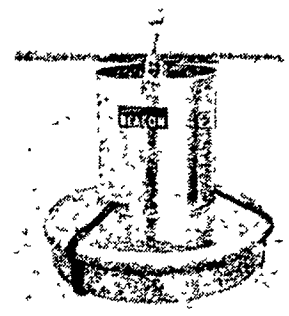

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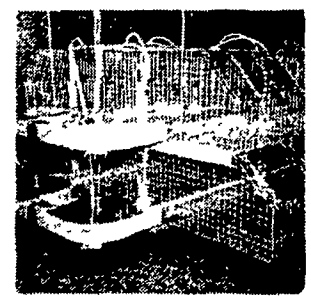

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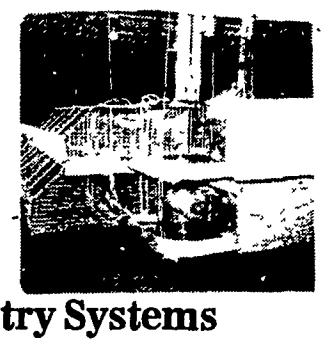

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Berks Farm-City tours open barn doors for urban neighbors

BY LAUREL SCHAEFFER
Staff Correspondent

BERNVILLE — Several Berks County farmers participated in the annual Farm-City festivities last week and this past weekend.

As part of the Berks County Farmers' Association 8th annual tour, ten farms opened their doors to the public on November 21 and 22 hosting their urban neighbors and providing tours of their operations with the help of county 4-H'ers and FFA members serving as guides. Included in the tours were several dairy farms, a mushroom farm, poultry and swine operation, meat market, farm equipment business, orchard, and a general farm dating back to the 1700s.

The Berks County Pomona Grange also became involved with Farm-City week this year by taking members of the County Chamber of Commerce to breakfast November 18 to several farms, giving them the opportunity to see what work is involved on farms. Participating in this program were: Kenneth and Kermit Schlegel, Fleetwood; George and Harold Schuler, Fleetwood; Robert Heffner, Fleetwood; Dennis Cooper, Lenhartsville; Roy Christman, Hamburg; Robert Sattazahn, Womelsdorf; and Clarence Sattazahn, Womelsdorf.

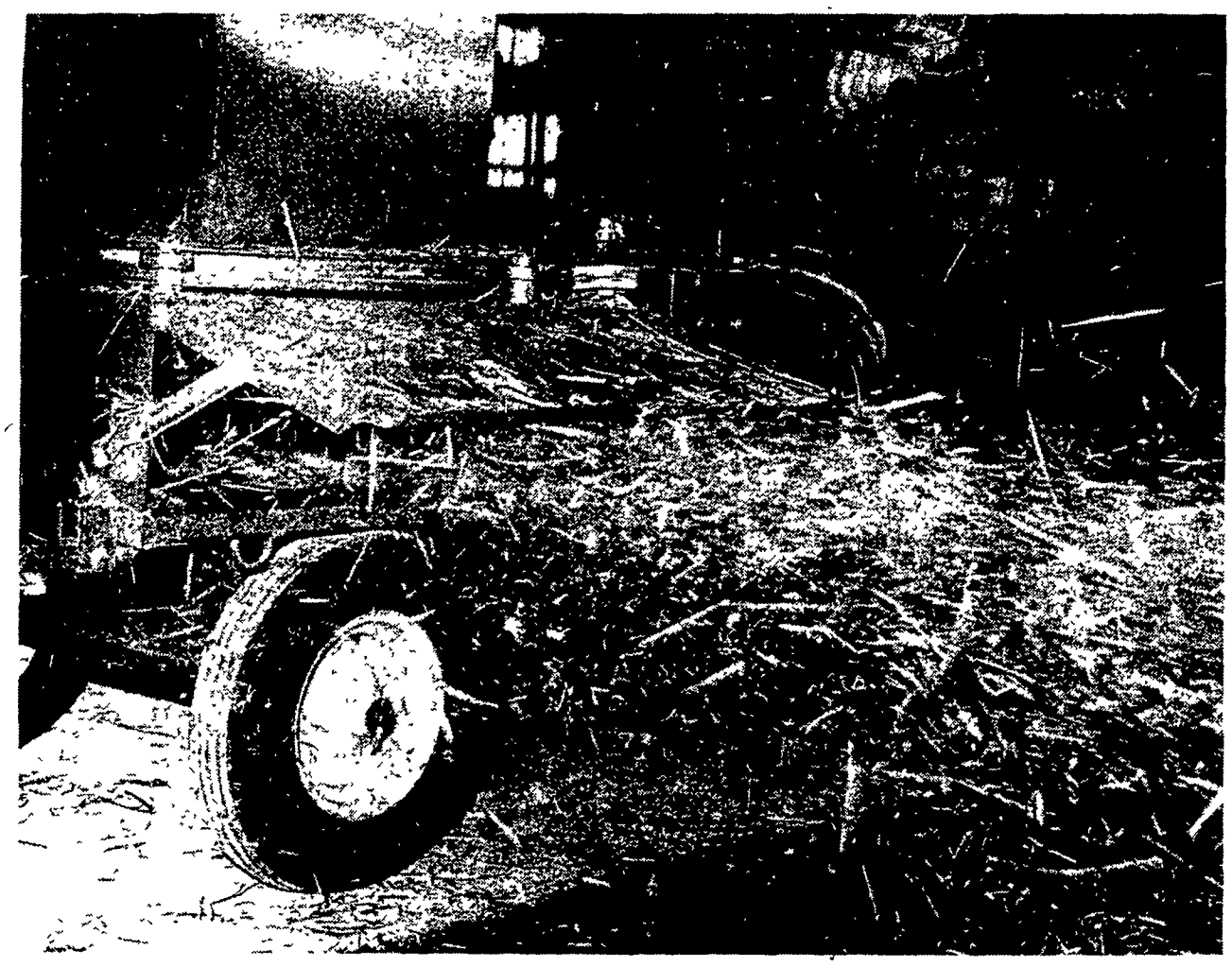
Ernest Miller, Master Berks Pomona Grange called the program "successful", adding the participating members of the Chamber of Commerce were impressed and amazed with the activities conducted on these farms, especially since several participants were never on a farm before.

Farms participating on the weekend tours included:

—Way-Har Farms, Bernville. Guests to this dairy operation,

(Turn to Page A18)

Berks County's Alternate Dairy Princess Lori Lesher was an active participant in last weekend's Berks County Farm-City tours, distributing literature and her favorite milk refreshments to visitors.



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Berks farm tours

(Continued from Page A17)

consisting of 800 acres and approximately 270 head of cattle, were given a tour of the farm buildings, milking parlor, and calf hutches. The Lesher family, owners and operators of the dairy which also includes a jug store, milk 98 cows. All the milk produced is jugged for retail sale at the store or made into ice cream. Way-Har Farms has participated in the tour for many years.

—Robert and Gladys Kieffer, Hamburg. The Kieffers are presently milking 47 cows and farming 300 acres with the help of their children. Here visitors were shown a stanchion barn with pipeline, loafing shed, calf hutches, farm equipment, ducks, chickens, geese and rabbits, as well as dairy calves and cows.

—Ro-Ria Farms, Hamburg. Operated by Roy & Ronald Christman and their families, this dairy operation was begun 37 years ago and has been involved with the farm tour for many years. Here visitors saw a carousel milking parlor in use and large farm equipment needed to farm the 3,000 acres which are part of this operation.

—Shartlesville Farm Service, Hamburg. Owned and operated by Daniel Wenger and sons, this business has been in operation for 26 years. On display for visitors were a full line of farm machinery from the nut and bolt to the largest harvesting equipment.

—Del-James Farm, Virginville, operated by James and Delores Adam and their children, is a general crop and dairy farm which also has a carousel milking parlor where they milk 150 cows. Here visitors were shown calf hutches and learned about the concept of magnetic feeders.

—Peters Bros. Meat Market, Inc., Lenhartsville. This operation, presently run by Donald and Jerilyn Peters, offers a full line of meat products in the "Pennsylvania Dutch tradition" and is one of the few remaining country butchers. Guests on the tour were shown the operation from holding pens, through the slaughter area, coolers, processing rooms, lard rendering rooms, smokehouse and retail store.

—Ontelaunee Orchards, Leesport. Here visitors were given tours of an atmosphere controlled fruit storage building with a 64,000 bushels capacity. The orchard consists of 825 acres of apples, 200 acres of peaches, and 35 acres of other fruits, and a retail market.

—Gaetani Brothers Mushrooms, Temple. Visitors saw mushrooms being grown in 200,000 square feet of space under the direction of Silvio and Joe Gaetani and families. This operation was started in 1949.

—Harold and Eleanor Burgert, Fleetwood. Visitors toured one of the oldest farms in the county which once served as a stagecoach relay station. It consists of 120 acres where the Burgerts raise cows, steers, hogs, chickens and ducks.

—Red Wing Farms, Pricetown. Operated by Gordon Yorgey and sons, this farm consists of over 300 acres of corn, soybeans, and hay. The Yorgey's fatten about 1,000 hogs and steers each year and produce eggs from 45,000 brown egg layers. Guests to this operation were shown the egg process complex, laying houses, feed mill where all of the feed is mixed, and hog fattening operation.

Betty Jean Hoch, Berks County's Dairy Princess, shows visitors at Way-Har Dairy Farm Store some of the delicious ways dairy products can be used. The Lesher dairy farm and jug operation was part of the Berks County Farm-City tours.

Berks holds ASC elections

LEESPORT — Mark S. Balthaser, Chairman of the Berks County Agricultural Stabilization and Conservation Committee has announced that elections for Berks Community Committeemen are being held at the present time.

All ballots must be in the county office by December 7. Voting is being held by mail. Each of the eleven communities in the county has a slate of five candidates from which to choose.

Voters are asked to vote for three or less; the candidate getting the highest vote will be the chairman of the community committee, the next highest will be the vice chairman, third will be a regular member, the the fourth and fifth will be first and second alternates.

Ballots will be mailed out with the following names:

COMMUNITY 1
Bethel, Marion, Tulpehocken
Frederick J Bohn, R1 Myerstown, Donald E Landis, R1, Myerstown, Martin C Moyer, R1 Womelsdorf Frank Troutman Womelsdorf, Bruce T Younker, Bethel

COMMUNITY 2
Jefferson, Upper Tulpehocken, Penn
LaVerne C Koenig, R2 Bernville, Harvey C Krill, Jr , R1 Bernville, Charles D Moyer, R2 Bernville Evald B Wicks, Strausstown, James R Yost, R1 Bernville

COMMUNITY 3
Tilden, Upper Bern, Center
Roscoe Haag, R1 Mohrsville, John M Hix, R1 Bernville Nicholas Kopicz, R1 Mohrsville, Donald E. Lutz, R1 Mohrsville, James Riegel R1 Bernville

COMMUNITY 4
Perry, Windsor, Bern, Ontelaunee, Muhlenberg
Matthew L Degler, R1 Leesport, Ernest H Epting, R2 Hamburg, Harry R Kauffman, R3 Hamburg; Robert L Seidel, R1 Lenhartsville, Ronald Weyer R2 Hamburg

COMMUNITY 5
Albany, Greenwich
Clyde K A Baver, R3 Kutztown, Brian A Bond, R2 Kempton; Carl S Miller, R3 Kutztown, Ralph G Sanner, R3 Kutztown, Richard C Wieder, R2 Kempton

COMMUNITY 6
Longswamp, Rockland, Maxatawny District, Hereford
Harold L Angstadt, Fleetwood, George R DeLong, R1 Kutztown, Gordon G Gruber, R1 Kutztown, Earl W Latshaw, R1 Alburtis, Charles A Savidge, R2 Mertztown.

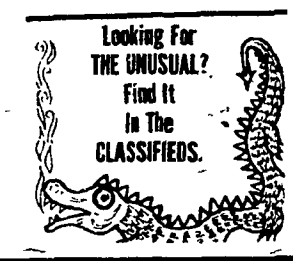
COMMUNITY 7
Richmond, Maidencreek, Rushcombmanor
Warren W Berger, R3 Kutztown, Leroy J Biehl, R1 Kutztown, Arthur F Hoch, Fleetwood, Kermit C Schlegel, Fleetwood, Feryl J Treichler, R3 Kutztown

COMMUNITY 8
Oley, Pike, Alsace, Lower Alsace, Exeter
David L Hauseman, R4 Boyertown, Mark G Hoch, R2 Oley, Daniel E Levengood, R1 Oley, Earl Mensch, R4 Boyertown, Martin R Stoltzfus, R2 Douglassville

COMMUNITY 9
Colebrookdale, Earl, Amity, Douglass, Washington
Ralph Drey, R2 Douglassville Earl R Hafer, R2 Douglassville, Wilson R Hoffman, R2, Barto, Ralph T Spencer, R3 Boyertown, Frederick J Walters R2 Douglassville

COMMUNITY 11
Caernarvon, Robeson, Union, Brecknock, Cumru
Vernon K Beiler, R1 Morgantown, Gregg Eshelman, R3 Mohnton, David L Glass, R1 Birdsboro, Samuel A Schlouch, R3 Mohnton, David O Shirey, Geigertown

COMMUNITY 12
North Heidelberg, Heidelberg, South Heidelberg, Lower Heidelberg, Spring
Norman H Bare, R5 Sinking Spring, Edwin E Geisinger, R1 Wernersville; Charles R Kissling, R1 Robesonia, David A Schaeffer, R3 Wernersville, Forrest Stricker, R1 Wernersville.



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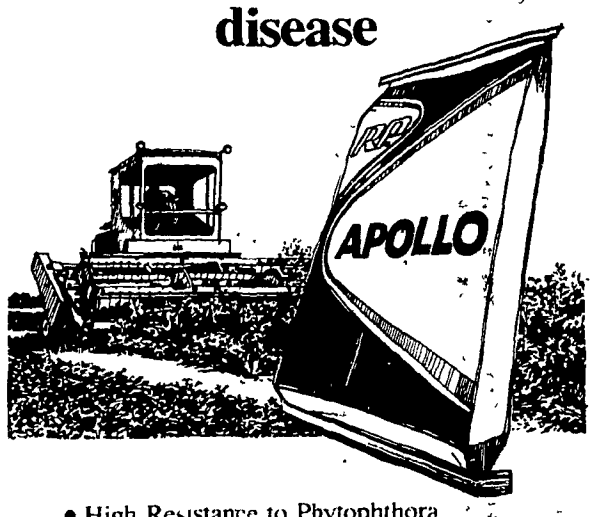

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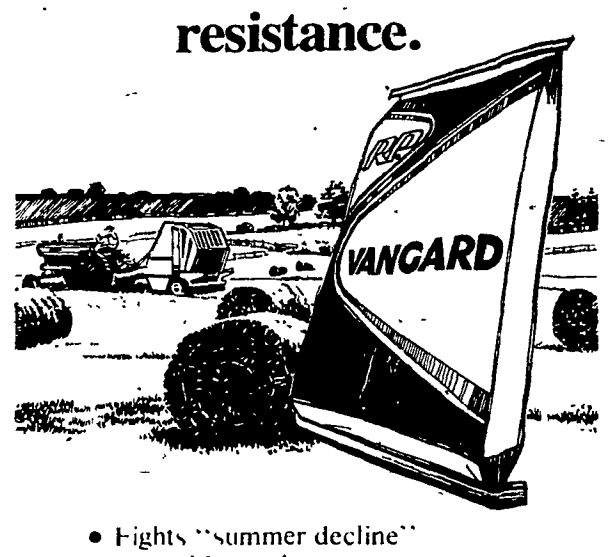

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Control of persistent tomato pest looks promising

BELTSVILLE, Md. — The future outlook for controlling the destructive Colorado potato beetle looks brighter now that two U.S. Department of Agriculture entomologists have found a bacterium deadly to the beetle grubs.

George E. Cantwell of USDA's Agricultural Research Service reported that a variety of the bacterium Bacillus thuringiensis (B.t.) killed more than 85 percent of the beetle grubs in two experimental field tests — one on potatoes, the other on tomatoes. Weekly spraying prevented the young grubs from developing into destructive "older" grubs and provided almost complete protection to the plants, he said. Adult beetles were not killed but stopped feeding after about a week.

Several commercial B.t. preparation are being used to control gypsy moths, cabbage loopers and cotton pests, among others. Another species of this bacterium, commonly known as milky spore, has been used for over 35 years to control Japanese beetle grubs in lawns. However, none of these products is effective against the Colorado potato beetle, Cantwell said.

Cantwell and colleague William W. Cantelo reported their efforts to solve the Colorado potato beetle problem here at a symposium on small farms research sponsored by the Beltsville Agricultural Research Center where the two scientists conduct their research.

The beetle causes millions of dollars in annual losses to potato fields in the Northeast and Northwest and to tomato and other related vegetable plants as well. Tomtoes are one of the leading cash crops of small farms in the Northeast, and the beetle is the insect pest of greatest concern to growers because it is rapidly becoming resistant to insecticides. Some farmers are spraying weekly when beetles are abundant, Cantelo says. While frequent spraying may protect the standing crop, it serves to accelerate beetle resistance, he cautioned.

To postpone this resistance, Cantelo is developing a model that will predict reductions in yield from several different starting populations of the beetle. "This information may enable growers to reduce pesticide treatments," he said.

The brightly colored adult beetles emerge from the ground in May and live about 30 days, feeding and producing offspring which produce more offspring. By the middle of August, the progeny of one pair of beetles could consume 45 square feet of tomato foliage a day according to laboratory feeding studies, says Cantelo.

In field studies, he used the date obtained in these feeding studies to simulate beetle damage to tomato plants. By removing foliage at the same escalating rate, he found that one pair of beetles infesting garden variety tomatoes in late May would completely defoliate 20 plants by the end of July and 60 plants by mid-August.

In both cases the seasonal yield was reduced by at least 50 percent. One pair of beetles would also cause substantial seasonal losses in commercial variety tomatoes. However, beetle feeding would not be so destructive to the commercial grower because most of these varieties are generally plowed under after they produce the bulk of their crop in mid-summer before the beetle population peaks, Cantelo explained.

"Getting control over the first generation of beetles would help keep their populations below damaging levels for the rest of the growing season," says Cantelo.

Farmers may soon have the option of using a biological insecticide to get early control and, at the same time, stem the insect's resistance. (Biological insecticides are not known to elicit resistance.) One company that produces another B.t. product is interest in the scientists' new B.t. variety (Bacillus thuringiensis var. thuringiensis) and could have it on the market in about two years, Cantwell said in an interview after the meeting.

Although B.t. products have not been widely accepted by farmers, probably because they are slower acting than chemical insecticides, they have several other advantages over chemical insecticides. They are nonpolluting and can be sprayed on crops up to the time of harvest. And fruits and vegetables can be eaten right after spraying, says Cantwell.

During the course of these experiments, Cantwell learned froma visiting Russian scientist that a toxin produced by another variety of the B.t. bacterium has been used to control the Colorado potato beetle in the U.S.S.R. since 1972.

The USDA scientists tested three dilutions of the culture stock in their field experiments. They spray containing 0.5 percent B.t. killed more than 85 percent of the Colorado potato beetle grubs, and a fivefold dilution (0.1 percent B.t. gave 80 percent control. Each spraying was effective for about 10 days. That would indicate the need for weekly spraying when the adult beetle population builds up, but an improved commercial formulation could extend its effectiveness, Cantelo said.

In temperate climates, the beetle has two to three generations during a growing season. B.t. alone should control the past unless a very large population is attacking seedlings or small plants, in which case a fast acting chemical insecticide may be necessary, Cantelo explained. The scientists recently published their findings in the September issue of the American Potato Journal.

McConaughey is national Jersey scholarship winner

LOUISVILLE, Ky. — Darlene McConaughey of Smicksburg, was named a winner of the 1981-82 William S. Russell Memorial Scholarship.

The $600 scholarship, sponsored by the American Jersey Cattle Club is awarded to two junior Jersey members in the nation who have an interest and background in Jersey cattle. The award was presented based on Darlene's 4-H accomplishments.

Darlene is a freshman at Penn State University majoring in horticulture and is a member of Block and Bridle Club, Hort Club,

Darlene McConaughey

and Collegiate 4-H. Darlene's high school activities included Future Business Leaders of America, Dramatics Club, and Girls Wrestling Association.

Darlene has been involved with Jerseys all of her life, and began showing with her family before she was old enough for 4-H. Her accomplishments include: 1980 Pennsylvania 4-H Commodity Marketing Award, Pennsylvania Olmstead Jersey Achievement Award, Outstanding Indiana County 4-H Dairy Member, and 1976 Pennsylvania Champion Jersey Fitter and Showman. Darlene's Jersey herd consists of ten cows and several heifers. In addition to Jerseys, Darlene raises Suffolk and Southdown sheep, Duroc hogs, and is employed parttime with Shireman Florists.

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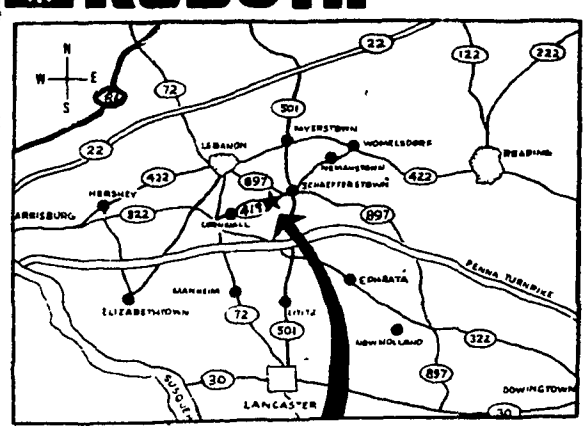

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Wild horse distribution center plans focus on Pa.

ALEXANDRIA, Va. — The south-central Pennslyvania/northern Maryland area has been selected as the locale of the first wild horse and burro distribution center in the Northeast.

Proposals will soon be accepted from individuals interested in establishing and operating the facility, announces the Bureau of Land Management, an agency of the U.S. Department of the Interior. The center will receive regular shipments of wild horses and burros from public rangelands in the West, and shelter the animals until they are picked up by qualified adopters under BLM's Adopt-a-Horse Program.

"A distribution center in the south-central Pennsylvania/northern Maryland area will give residents of the Northeast their first chance to adopt a wild horse or burro without having to travel a long way to pick one up," said BLM Eastern States Director Roger L. Hildebeidel. "Right now, the only distribution point east of the Mississippi River is in Cross Plains, Tennessee, about thirty miles north of Nashville."

Parties interested in operating the new facility must be able to provide facilities and services to feed and maintain a minimum of 150 wild horses and burros at a time, to load the animals when adopters arrive to pick them up, and to handle the paperwork associated with the pickup of the animals. The adoptions, as well as shipments of wild horses and burros from BLM corrals out West, will be arranged in advance by BLM; the contractor will not be responsible for recruiting or screening potential adopters.

"What we're looking for is someone with a knowledge of horses," Hildebeidel explained. "We need someone who cares about the animals, knows how to handle and feed them properly, and can deal with the public on a day-to-day basis."

Beginning on or about December 1, proposal information and sample contracts will be available from this address: Dick Cazier (D-553-B) Denver Federal Center, Bldg. 50, Bureau of Land Management, Denver, CO 80225, Telephone: 303/234-5866.

A tentative deadline for submitting proposals to BLM has been set for early February 1982.

To explain the whole program and answer questions about the contracting materials, BLM has arranged a pre-proposal conference in Harrisburg, on January 6. The meeting will be held in the Farm Show Building, Cameron and Maclay Streets, at 10 a.m. All interested parties are invited, and are urged to contact BLM for the contracting materials as soon as possible.

Hildebeidel described the Adopt-a-Horse program as "a partial solution to the problem of overpopulation among wild horses and burro herds on western public rangelands." Because they are protected by law under the Wild free-Roaming Horse and Burro Act of 1971, the herds have expanded in many areas.

"They compete for very limited forage and water with both native wildlife and domestic livestock that graze on the public lands," Hildebeidel explained. "As a means of maintaining a proper ecological balance, BLM rounds up excess wild horses and burros and makes them available for adoption."

With the new distribution center scheduled to open next May, BLM is encouraging interested people to apply now to adopt a horse or burro. The limit is four animals per individual per year. For adoption applications and more information about the program, write: Adopt-a-Horse, Dept. 618J, Consumer Information Center, Pueblo, CO 81009.

AFB's animal welfare movie wins bronze medal

PARK RIDGE, Il. — The American Farm Bureau Federation has received a bronze medal at the 24th International Film and Television Festival of New York for the documentary, "Animal Welfare — The Farmers' Story."

The award was presented November 13, in New York City. Only a small percentage of the 4000 entries to this year's prestigious festival were recognized with an award.

"We are pleased to receive the medal," said American Farm Bureau Federation President Robert Delano, "In this documentary, farmers and ranchers tell their own story about how modern animal agriculture is more efficient, provides a better, less expensive product for consumers, and a healthier life for farm animals. Many people do not realize this. They only see the meat, milk and eggs at the grocery story or on their table."

The half hour documentary was shot on videotape in Arkansas, Colorado, Illinois, Indiana, Iowa, Minnesota and Wisconsin. It includes segments on the production of beef cattle, swine, veal calves, sheep, broilers, milk and eggs.

The documentary is available for purchase or rental through state Farm Bureaus or the American Farm Bureau Federation. The purchase price of a 16mm film is $150 and ¾ inch videocassette, $50. A one week rental is $25 for the film and $10 for a videocassette.

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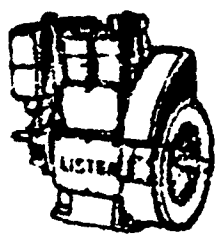

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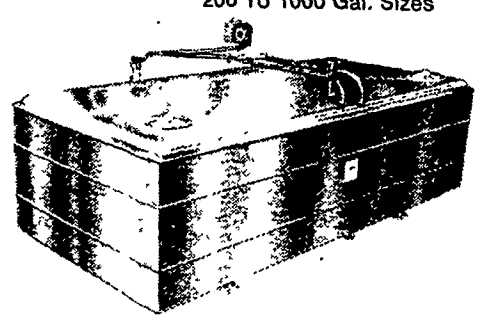

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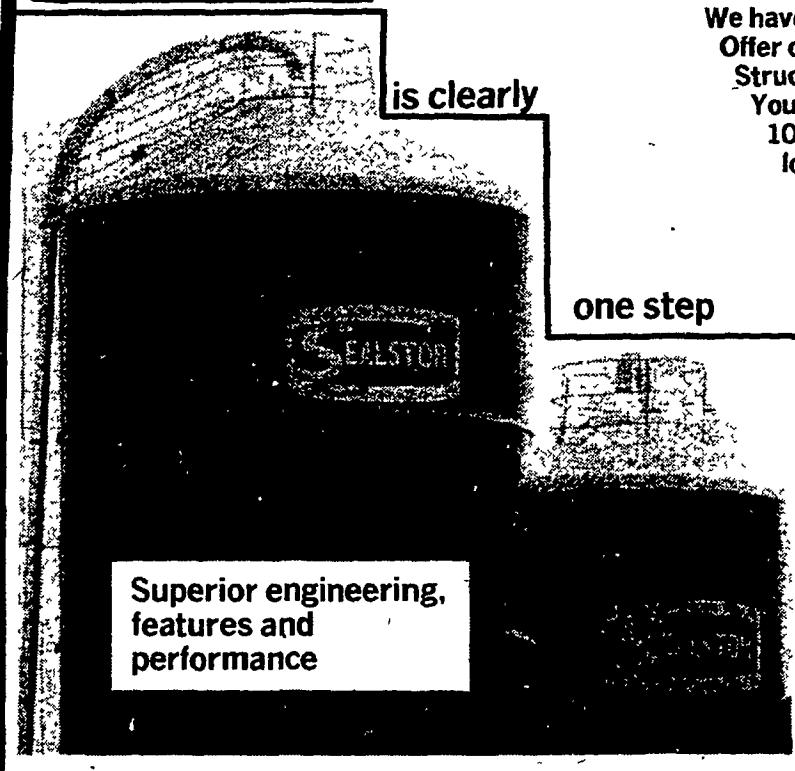

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Del. specialist discusses insect control in no-till corn, beans

NEWARK, Del. — No-till corn and soybean acreage has increased dramatically on the Delmarva peninsula over the past few years. This trend is likely to continue as more growers realize the benefits of no-tillage.

When these systems were first being tested, many entomologists were concerned about the potential for severe soil insect outbreaks resulting from the lack of soil disturbance.

"Fortunately, there's little evidence so far that such problems will materialize," says University of Delaware extension pest management specialist Mark Graustein. "In fact," he says, "it appears that certain pests, such as the European corn borer, may actually be less attracted to no-tilled corn and soybeans."

Certain other soil insects, however, may be favored by no-tillage. The approach to controlling them isn't quite as easy as with conventionally tilled crops. This is because the unplowed soil and surface mulch associated with no-till provide a protective microhabitat for these pests. These same conditions change the approach to their control.

In conventionally tilled corn and soybeans, granular systemic insecticides are often applied in the seed furrow, next to or just a few inches below the seed. At other times they're banded over the row and lightly incorporated so that they won't break down as a result of sunlight or volatilize.

Some granular insecticides require soil moisture in order to be effective. Most work best down in the ground where they're more likely to contact the insects they're supposed to control.

In a no-till situation, the mulch on the soil surface tends to keep the insecticide away from the seed zone it's designed to protect. As a result, the choice of granular insecticides for use in no-till is often limited to those that can be placed in the seed furrow, unless special application equipment is available.

A few granular materials are resistant to photo degradation and volatilization yet soluble enough to be carried down to the seed zone if rain occurs within a week to 10 days after application. These materials fit well into no-tillage programs, provided they're effective against the complex of insect pests present.

One relatively new method of application that fits well into no-till programs is that of applying the granular insecticide in a "T" band. This is done by placing the applicator bander behind the planter shoe directly in front of the press wheel. As a result, some granules fall into the seed furrow, while the rest are banded a few inches to either side of the furrow and pressed into the mulch (or soil) by the press wheel.

It's not always necessary to use a systematic insecticide when planting no-till, says Graustein. In fact, he doesn't recommend the practice unless a particular field has a history of soil insect problems. The decision is also based on the ability of the grower to check each field routinely for pests over the growing season and to apply a rescue control if an outbreak occurs.

"Some growers don't have the time to check all their fields each week," he says. "In this case, granular systemics are a form of insurance." There are also independent scouts who will contract with farmers to check fields.

"It's certainly advisable to use a soil insecticide in fields with a history of soil insect problems," says the specialist. "It's also a good idea to switch insecticides every two years or so to avoid the possibility of resistance." A good crop rotation system will help avoid the build-up of pest situations that require yearly soil insecticide treatment.

The following soil insects are effectively controlled by systemic insecticides: seed corn maggot, billbug, wireworms, flea beetle larvae, and corn root worms. Certain materials are effective in suppressing black cutworm, but Graustein says corn should still be checked routinely for their presence. Occasionally a rescue treatment is needed even if a soil insecticide has been used.

Use of systemics for control of flea beetle, European corn borer and true army worm in corn or Mexican bean beetle, leaf hoppers, thrips and mites in soybeans is recommended only if a history of these pest problems exists.

"Growers should be aware that most systemic insecticides are effective only for a limited time—a maximum of four to six weeks," he says. After that the crop is no longer protected and should be routinely checked for insect pest outbreaks.

Solanco plans candlelight home tour Dec. 12-13

QUARRYVILLE — A holiday candlelight tour of 10 homes and a church is the principal event of a special fund-raising weekend in the Solanco area of Lancaster County on Saturday and Sunday, Dec. 12 and 13.

Proceeds from the tour, scheduled from 2 to 6 p.m. on Dec. 12 and 13, will be applied toward the mortgage of the Hoffman Community Building of the Solanco Fair Association.

The tour includes several homes built in the 1800's and authentically restored.

Among the homes to be visited are "Stonehedge," an 1800's home built by a tanner, which is now the home of Mr. and Mrs. Herbert L. Marsh, R2, Nottingham; the recently restored stone home of Mr. and Mrs. Stephen Fisher at R3, Willow Street; the home of Mr. and Mrs. John N. Thomas Sr., Hans Herr Drive, Willow Street; the home of Mr. and Mrs. Earl Mull, R2, New Providence; the home of Mr. and Mrs. Earl Rankin, R1, Strasburg; the home of Mr. and Mrs. Thomas H. Gehr, R1, Drumore.

Also, in the R2, Nottingham area are the homes of Gerald Boardman, Mr. and Mrs. Robert Montgomery, Mr. and Mrs. Vernon M. Ringler and the Rev. and Mrs. Roy W. Townsend, plus the Memorial United Methodist Church in Quarryville.

Tickets, costing $5.00, and maps will be available at all of the tour sites. Advance tickets can be purchased at the Century 21 Emory D. Wagner Co. office in Quarryville, or by sending a self-addressed stamped envelope to Dwight Wagner, P. O. Box 4, Quarryville, Pa. 17566.

In addition to the candlelight tour, other events planned for the weekend are an all-day craft show, a ham dinner and an auction at the Hoffman Community Building on Saturday, Dec. 12. Tickets for the dinner are also $5.00 and can be purchased with or without tour tickets.

Besides helping to reduce the mortgage debt on the community building, proceeds from the weekend of events will be put into Quarryville's "To Help A Friend" treasury, which provides financial assistance to needy persons in the community.

The Solanco Fair Association, which is composed primarily of farmers and agri-business firms in the Solanco area, constructed the community building for the farming community.

In addition to being the site of Fair activities, the building is also used for various agricultural displays and banquets.

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Alfalfa competition

(Continued from Page A1)

acre. At that time he also applied lime at a rate of 2 tons per acre and 10-20-20 fertilizer at 500 pounds an acre.

Espy added another 500 pounds an acre of 0-25-25 in April 1981 and followed up 2 months later with 0-17-35 at 600 pounds an acre, phosphorus at 227 pounds an acre and potash at 335 pounds an acre.

His soil test in June 1981 showed a 6.6 pH, high amounts of phosphorus and potassium and medium amounts of calcium and magnesium.

For insect control, Espy used ½ pint per acre of Furadan about 12 days after seeding. He applied ¾ pint of Cygon 17 days after the second cutting and the same amount of Cygon about two weeks after the third cutting.

Espy took four cuttings of his mixed field and ensiled the entire crop. His first cutting was June 5 and produced 4.1 tons an acre completely filling a 16 X 60 silo.

The second cutting took place on July 7 and produced 2.0 tons per acre. The third cutting on August 11 tallied 2.3 tons per acre and the fourth cutting on October 12 also averaged 2.3 tons an acre.

Espy harvested an estimated 3,590 pounds of crude protein per acre and 11,723 pounds of total digestible nutrients per acre.

Bedford County dairyman, J. Allen Baker was named reserve grand champion with a per acre average of 9.8 tons which exceeded the contest's previous high of 9.1 tons set in 1979.

For his per acre seeding rate, Baker drilled 18 pounds of Cimmaron, an alfalfa variety in April 1980 along with the herbicide Tolban. The Hagerstown soil previously harbored a corn crop.

In fall of 1979, Baker fertilized with 18 tons of manure per acre and one ton of lime per acre. After seeding Baker applied 30-60-60 and following second cutting, he added 30-50-150.

Insect management included one pint of Cygon per acre following second cutting and another pint after third cutting.

Baker's alfalfa crop, which was all ensiled, produced 2.5 tons of hay equivalent per acre at first cutting on May 21. He harvested 2.6 tons an acre at second cutting on June 22. Third cutting, which took place on July 22, averaged 2.5 tons an acre. Fourth cutting on August 24 produced 1.4 tons an acre and fifth cutting on October 8 averaged .8 tons an acre.

Total crude protein amounted to 3,581 pounds an acre TDN finished at 10,604 pounds an acre.

Two Lebanon County farmers placed third and fourth in the alfalfa competition. Vincent Wagner took third place with an average yield of 9.07 tons of hay equivalent per acre. Wagner's mixture of Dekalb 130 alfalfa and Penmead orchard grass produced 3,116 pounds of crude protein and 9,656 pounds of TDN.

Donald and Harold Bollinger turned in the fourth top average with 9 tons per acre. The dairymen's Dekalb 130 crop produced 3,027 pounds of crude protein and 9,290 pounds of TDN.

Lancaster County dairyman, Nathan Stoltzfus, Gap, took fifth place with an 8.6 tons per acre average. Stoltzfus used the alfalfa variety, Conestoga, which produced 3,199 pounds of crude protein and 9,141 pounds of TDN.

The Pa. Forage and Grassland Council awarded five honorable mentions for alfalfa crops. The honorees are: Hershey Bare, Lebanon County; Norman Graham, Butler County; Don Hoffer, Lebanon County; David Landis, Lancaster County; and Dan Schrack, Clinton County.

Participants that attended the two-day conference were welcomed by Samuel Smith, dean of Penn State's College of Agriculture. Smith addressed the problem of decreasing funds for research agriculture.

Traditional sources of federally supported funding have tended to remain static while monies for competitive grants in specific areas of research have increased. Smith explained.

"The priority of agricultural research and educational programs will have to be sold to our state and national leaders. It will be more obvious in the production of food and fiber. Exports will continue to soar as the world food situation dictates more and more reliance on American agriculture," noted Smith.

H. Louis Moore, Penn State Extension marketing specialist also addressed the economic woes of agriculture.

A year ago, it appeared that net farm income would reach $27 to $30 billion in 1981 compared to $19.9 billion in 1980. But Moore reported that estimates turned out to be off by about one-third.

Moore said that 1981 net farm income will be about $20.5 billion up only $600 million from 1980. Record grain crops, record supplies of meat and the recession associated with the current economic slowdown combine to present a clouded farm income picture for 1982.

"The 1981 feed grain crop based on conditions as of October 1, is forecast at 245 million metric tons, up 24 percent from 1980," Moore emphsized.

"Corn production, forecast as a record 8.08 billion bushel, is up 22 percent from a year ago. The record harvest has had a devastating effect on grain prices with corn selling at nearly 25 percent less per bushel than a year ago."

However, there was some good news for alfalfa growers. Penn State extension entomologist Stanley Gesell reported that alfalfa weevil populations were at their lowest level for the past 20 years.

Gesell noted that a few pockets exist of alfalfa weevil populations in the southcentral and southwestern counties but losses in these areas were generally below the economic injury level.

"Several parasites of the alfalfa weevil are well established in the state and appear to be exerting a stabilizing effect on the weevil population. I believe we should take full advantage of these parasites and to do this we must protect them as much as possible," Gesell said.

The Extension entomologist urged farmers not to spray fields for the weevil unless necessary. If a spray is neccessary, Gesell suggested using a short residual insecticide. He noted that a preventative, long residual spray should not be used in April.

USDA plant pathologist Ken Leath updated alfalfa growers on recently discovered alfalfa disease, Verticillium wilt. So far, the disease has been located only in Centre and Mifflin Counties. Alfalfa samples from Bradford, Carbon, Crawford, Dauphin, Fayette, Jefferson, Lancaster and Luzerne Counties were negative.

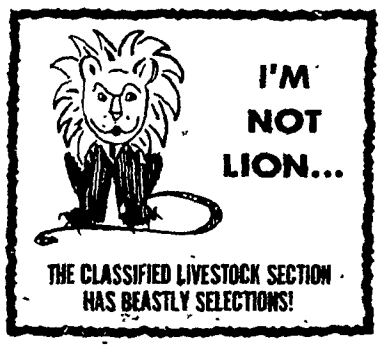
Leath reported that some resistant varieties are now available and that in the next couple years, resistant varieties should be widely available.

Conference participants were given a VW fact sheet and saw a slide show depicting the various stages of the diseases.

"We're anxious for people to look for the disease," reported the plant pathologist. Leath said he expects to see an increased incidence of VW in Pennsylvania fields in 1982.

The third, fourth and fifth place in the alfalfa growers competition were claimed by (from left to right): Vincent and Juliet Wagner, Lebanon County-9.07 tons per acre; Harold and Amy Bollinger, Lebanon County-9.0 tons per acre; Esther and Nathan Stoltzfus, Lancaster County-8.6 tons per acre.

Penn State Extension agronomist John Baylor and wife Henrietta are all smiles following Baylor's acceptance of a special award presented by the Pennsylvania Forage and Grassland Council for his outstanding contributions to Pennsylvania forage and livestock.



Charolais dams earn distinction

HOUSTON, Tx. — Five registered Charolais cows owned by Malcolm Commer, Jr., Fairfield Plantation, Jonestown, Miss., have been awarded the American-International Charolais Association's Sterling Dam of Distinction Award.

The five dams are Ms. Shultz Sam 3 10383, Ms. Shultz Sam 11 14903, Ms. Shultz Lex Adp H311, Miss Bacchis Jr. 929S, and Ms. Shultz Jr. 945S. This brings the total number of Charolais dams earning this award to 70 and Fairfield Plantation's total to 6.

All of these Sterling Dams, with the exception of Ms. Shultz Lex Adp H311, were bred by Lebert R. Shultz, Drexel, Mo. Ms. Shultz Lex, however, was purchased by Shultz as a short yearling and he is therefore partly responsible for her fantastic productivity as well as that of the other four Charolais dams.

The Dam of Distinction program was established in 1976 by AICA to recognize those Charolais seedstock producers who, through the use of accurate performance records and careful selection, breed registered Charolais cattle of superior reproductive and maternal ability.

To qualify for the AICA's Sterling Dam of Distinction Award, a dam must have at least 15/16 Charolais breeding and be Recorded or Registered in the Charolais herdbook. Additionally, the cow must have calves 5 by 7 years of age with a regular calving interval of 365 days, and each calf must have an adjusted weaning weight ratio of 101 or greater. Twin calves are recorded as one calving and calves resulting from ovum transplants are not eligible. Owners of qualifying Recorded or Registered Charolais dams are sent an official certificate.

Ms. Schultz Sam 11, the 66th Sterling Dam, was born on May 20, 1973 and was sired by Shultz Sam 11. She is out of Miss Charolais Sam 5495. Her first calf was born on August 26, 1975 and her fifth and qualifying calf was born on September 9, 1979. This gave her a regular calving interval of 368 days. Each of her 5 calves average 5 percent above the adjusted 205-day weaning weight ratio of their contemporaries.

Ms. Shultz Lex Adp was calved on May 5, 1973, and was by Lexicourt AD Paris 42 and out of Miss Hazel 904. Ms. Shultz Lex had her first calf on September 7, 1975 and her fifth on September 6, 1979, giving her a calving interval of 365 days. Her 5 calves averaged 7 percent above their contemporaries in adjusted 205-day weaning weight.

Miss Bacchus Jr., the 68th Sterling Dam, was born on May 30, 1972. She is by Sir VRL Bacchus Jr. and out of Miss Charo Bambino S990. Her first calf was born on September 1, 1974 and her fifth on September 18, 1978, giving her a 369-day calving interval. Her 5 calves outweighed their contemporaries an average of 6 percent in adjusted 205-day weaning weight.

Ms. Shultz Sam Jr. was born on September 24, 1972 and is by Mr. Charolais Sam S683 and out of DSCR 544. Her first calf was born on November 12, 1974 and her fifth on October 2, 1978, giving her a 357-day calving interval. Her 5 calves' adjusted 205-day weaning weight was still 2 percent above the average of their contemporaries.

The 70th recipient, Ms. Shultz Sam 3, born on October 15, 1973, was sired by Shultz Sam II and was out of Miss Charolais Sam 552S. She had her first calf at 795 days of age, on September 20, 1975, and her fifth and qualifying calf on September 12, 1979. Her calving interval was 364 days. Each of her calves averaged 8 percent above their contemporaries in 205-day adjusted weaning weights.

Tighter free supplies of wheat improve price outlook

WASHINGTON, D.C. — An alltime high 80.7 million acres harvested and generally favorable weather and soil moisture, which boosted the national average yield to a near-record 34.1 bushels an acre, brought about this year's record wheat crop.

The Oct. 1 production estimate of 2.75 billion bushels exceeds the 1980 record by 380 million. On the strength of this crop, the total supply for the marketing year rose 14 percent to 3.74 billion bushels, also the largest ever.

However, given expectations for record exports and increased wheat feeding, total 1981/82 disappearance will likely exceed production, lowering yearend stocks. Over 70 percent of the carryover may be held in the farmer-owned reserve or by the Commodity Credit Corporation.

This year's record wheat supply and substantitally larger U.S. feed grain and soybean supplies have depressed wheat prices to the lowest early season level in 3 years. Despite exceptional export sales, increased farmer use of the loan and reserve programs, and prospects for reduced carryover, farm prices are still below a year ago. Nevertheless, they have advanced slowly.

Further price strength is expected, as free supplies of wheat continue to tighten. The timing and quantity of foreign purchases, crop developments in the Southern Hemisphere, and the outlook for the 1982 U.S. winter wheat crop will also influence prices.

However, the average farm price is still likely to be below last season's $3.96 a bushel, falling within $3.80 to $3.95. June-October farm prices have been below the target price of $3.81 a bushel, so eligible producers will receive a deficiency payment of around 15 cents a bushel for the 1981 crop. Payments are estimated to total about $400 million.

U.S. exports will likely expand dramatically in 1981/82 because of a significant increase in world import demand. With U.S. supplies more than adequate to meet booming demand, wheat exports are projected at 1.9 billion bushels (51.7 million metric tons). This is a fourth larger than last season's record and means that the United States will account for half of all global wheat trade in 1981/82. World importers will buy nearly 70 percent of the 1981 U.S. crop.

Dry conditions have tempered the outlook for the Southern Hemisphere's wheat crop, but this season's total global output is expected to reach a record 448 million metric tons. The most significant reduction is a projected 8-percent shortfall in the Soviet Union—the world's largest wheat producer. The outlook for continued large world wheat use will help push global trade about a tenth above last year's record.

The 1982 U.S. wheat plantings will probably not repeat last year's alltime high primarily because of an announced 15-percent acreage reduction program. However, current reports indicate vigorous winter wheat planting because of favorable soil moisture and low prices for alternative crops.

Drivers, watch out for deer

HARRISBURG — Motorists in Pennsylvania should be aware of the fact that there will probably be more deer killed by vehicles on the roads of the state during the next two or three weeks than at any other time of the year.

When whitetails are being hunted during the buck and antlerless seasons, they usually take the shortest route from where they have encountered hunters to another location where they think it is safe to hide. This path often crosses a highway.

Hunters in the woods during the deer seasons cause whitetails to be almost constantly on the move, and the danger of deer-vehicle collisions is as great during the daytime as it is at night.

To lessen the danger, the Game Commission urges motorists to be extra alert and to reduce the speed of their vehicles.

And drivers should always be alert for a second or third deer. Often a motorist sees and avoids the first deer on the highway, only to relax and then clobber a second or third whitetail which was trailing the first one.

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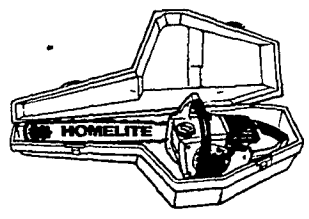

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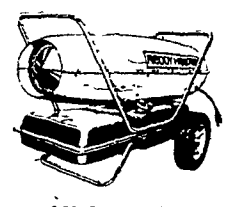

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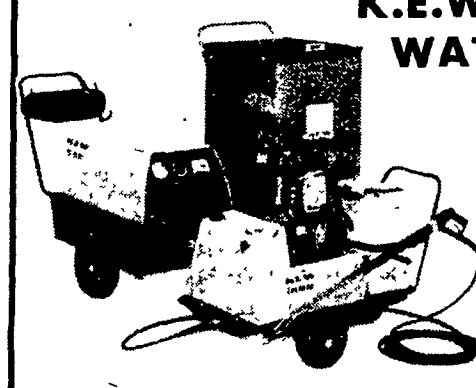

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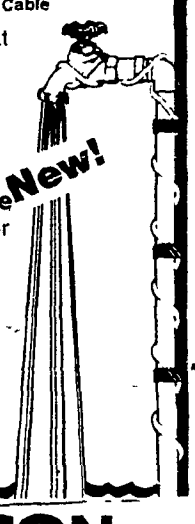

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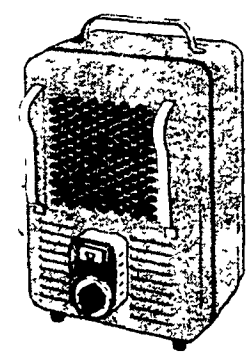

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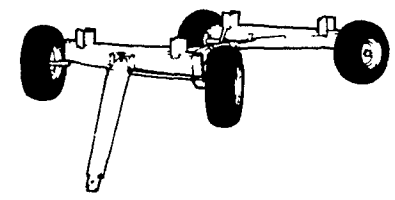

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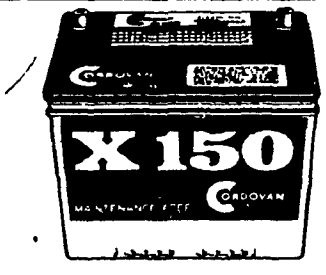

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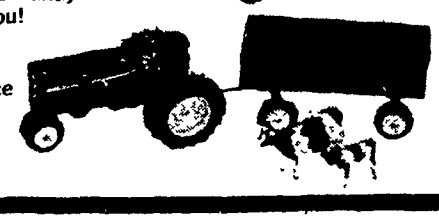

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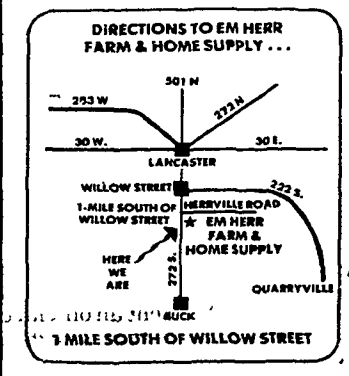

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For best district program

Lebanon County receives conservation award

BY DEBBIE KOONTZ

LEBANON — The Lebanon County Conservation District received the 1981 award for the best conservation district program in the state at a luncheon, Monday, at the Friendship Fire Hall, here.

The award was sponsored by Goodyear Tire and Rubber Company in cooperation with the National Association of Conservation Districts.

According to Graham Munkittrick, USDA Soil Conservation Service, the district received the award for "planning the best conservation program in the state and for implementing the plan to its fullest." Also for their activities in storm water management and conservation education.

Boyd Hitz, a director for the district, was named 1980 Outstanding Cooperator of the Year, by the Conservation District Board of Directors. Fritz Carpenter from Simon Kettering Inc., Lebanon, presented the award.

Boyd implemented his complete conservation plan in one year on his new farm. According to the Lebanon County Conservation District office, Boyd is "following good conservation cropping systems on his 125-acre crop and livestock farm. These practices include crop rotation, use of adapted varieties, applying nutrients according to soil test and use of cover crops. Ninety-six acres are laid out in strips approximately 120 feet wide. Alternating strips of corn and soybeans with close growing winter grain and hay crops help reduce loss of his top soil. Minimum tillage is practiced in the planting of row crops.

"Boyd also installed 860 feet of diversion terraces and the necessary grassed waterways to help safely carry away surface water runoff."

Boyd will receive an expense-paid trip to the Wigwam resort and Goodyear Farms, Litchfield Park, Ariz., in December.

Other directors individually recognized for their efforts in the district program were George Wolff, Myerstown, also chairman of the state association of conservation districts; Donald Bollinger, Kleinfeltersville, and chairman of the Lebanon district; Ed Keener, Lebanon; Ray Sattazahn, north Lebanon; Elvin Kreider, Lawn; Ed Arnold, and Ivan Parker, south Lebanon.

During the luncheon, Munkittrick spoke briefly on care of farm land stressing that land use decisions must be made to maintain agricultural production.

Karl Hellerick, Soil Conservation Service, presented the Lebanon County Soil Survey Report containing soil information on all Lebanon County land. Those attending received a copy of the 155-page report. Copies are available at Room 110 of the Municipal Building in Lebanon.

Also recognizing the district for its award-winning program were Walter Peechatka, director, Bureau of Soil and Water Conservation; and Ben Moyer, field representative, State Conservation Commission.

Accompanying Hitz on his trip will be Donald Bollinger, chairman of the board. They will be joined by representatives of 52 other first place districts from throughout the United States, including Puerto Rico.

Dauphin County Conservation District was named runner-up district for Pennsylvania. Outstanding cooperator is Jean Zell, Elizabethtown.

Clinton County was named an Honor District in recognition of its continuing achievements.

Directors of the Lebanon County Conservation District were individually honored for being a part of the program named the best conservation district program in the state for the past year. Fritz Carpenter, front, right, of Simon Kettering Inc., Lebanon, presented the awards. Honored were: George Wolff, Donald Bollinger, Ed Keener, back row, Ivan Parker, Ed Arnold, Elvin Kreider, and Ray Sattazahn.

Fritz Carpenter, representative for Goodyear Tire and Rubber Company, presents an award to Boyd Hitz for being named outstanding cooperative of the year. Hitz and Donald Bollinger, far right, received an expense-paid trip to the Wigwam resort and Goodyear Farms, Litchfield Park, Arizona, for December.

No random shooting in big game season

HARRISBURG — Hunters are reminded that they may not shoot at random during the deer and bear seasons.

It is unlawful, during any big game season, to shoot at any mark or target other than legal birds or animals, except at a properly constructed target located within 200 yards of the hunting camp or headquarters of the shooter.

Pa. red meat production down

HARRISBURG — Commercial red meat production in Pennsylvania during October totaled 74.2 million pounds, down 20 percent from October 1980, according to the Pennsylvania crop Reporting Service.

Cattle slaughter at 71,300 head decreased two percent from cattle slaughter during last October, while calf slaughter also decreased two percent to 25,500 head. Hog slaughter at 181,600 head decreased 38 percent from October 1980. The number of sheep and lambs slaughtered totaled 14,900 head, the same as October of last year.

Nationally, commercial red meat production during October totaled 3.43 billion pounds, down four percent from last year at this time.

Commercial red meat production includes slaughter in federally inspected and other plants, but excludes animals slaughtered on farms.

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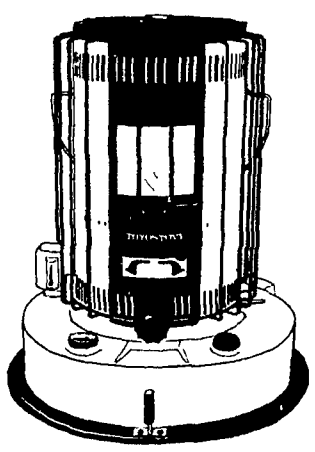

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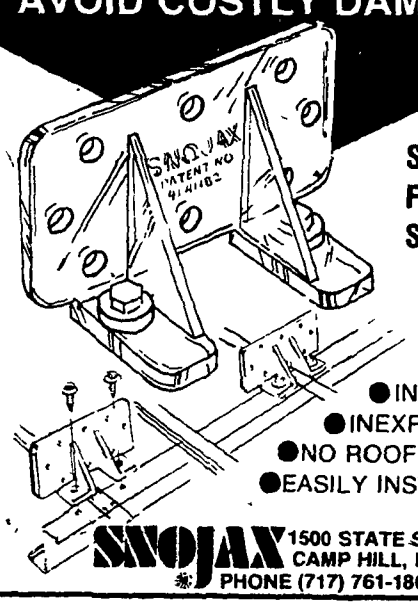

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Get the drift of pesticide applications

COLUMBIA, Mo. — When it comes to pesticide spraying and knowing how the droplets will fall, nobody gets the drift like David Smith and his friends.

They have compiled the largest set of data ever gathered on pesticide drift — about 7,000 measurements over the past three years.

Much of what they now know seems so obvious, you'd wonder why anyone would have had to spend so much time and effort.

"Now we have the numbers," is Smith's quick reply.

"We can now predict just what will happen when the sprayer is going a specific speed or when the boom height is set at a given level."

Smith is a U.S. Department of Agriculture engineer at the University of Missouri-Columbia. In cooperative research with agricultural engineers F. Dee Harris, UMC; and Carroll Goering and B.J. (Jack) Butler, University of Illinois, they found that the sprayer-operator has control of about two-thirds of pesticide drift.

"The most important variable is boom height (nozzle height)," said Smith. "We found it accounts for 50-60 percent of pesticide drift.

"The rest is accounted for by the tilt angle of the nozzle, kinetic energy of the droplet and wind velocity."

Tilt angle is the orientation of the nozzle to the crop that it's spraying.

Kinetic energy is proportional to droplet mass times droplet velocity squared.

In their research, the engineers also looked at weather variables that affect drift; wind velocity, temperature, relative humidity, solar radiation, atmospheric stability (temperature inversions).

Of all of these variables, only wind has a significant effect. It accounts for about one-third of all presticide drift.

After Smith and his cooperators compiled all this data, they went to the lab, cranked up a 4-foot airplane propeller, and began experimenting with shields that might reduce chances that pesticides would wander into lakes or nearby crops where they weren't wanted.

And they came up with one — a shield that reduced pesticide drift by up to 70 percent in the lab; 65 percent in the field.

The shield is simply a flat sheet of plastic (for flexibility, so it won't break if the sprayer strikes something it shouldn't).

The key to the shield's effectivness is how it's positioned.

It's located at as 20 degree angle toward the rear of the sprayer with the upper part of it about 5½ inches from the tip of the nozzle. The shield extends about 6 to 7 inches below the nozzle.

It increases the downward air velocity around the nozzle, and thus directs more of the spray toward the crop.

"Such a shield shouldn't be too expensive," said Smith, who estimates its cost and installation at about $200.

"But I'm not sure how many operators will install one. They may not, if they don't have problems with sensitive crops or environmental areas located where they are spraying."

Another thing about the shield: it only works on ground sprayers.

"Aerial spraying is our big concern," says Smith, "and this kind of shield isn't applicable for that. Too much drag on the airplane. Besides, air spraying is too high off the ground."

For ground sprayers, though, the news is good.

"We can really give these operators some guidelines for more effective spraying," Smith says.

Farm Show entries close Dec. 5

HARRISBURG — The entry deadline for livestock and poultry exhibits at the Pennsylvania Farm Show is quickly approaching, according to State Agriculture Secretary Penrose Hallowell.

"December 5, 1981 will signal the close of entries for over 4,000 of the state's best beef cattle, swine, sheep, horses and poultry for the January 10-15, 1982 Farm Show," Hallowell said. "Over $127,000 in premiums will be awarded for the prestigious state titles."

Strong youth competition will be seen during show week with three-fifths of the livestock entries shown by junior exhibitors.

"This is the culmination of our 4-H and FFA youths year of long hard work. The top livestock, showmen and fitters will test their selection and management results and personal showmanship skills against the top youngsters in the state," he said. "The 4-H and FFA youth will be showing over 120 steers, 200 market hogs, 110 lambs and 200 dairy cattle," Hallowell added.

Entry deadline for the Pennsylvania Sheep to Shawl Contest has been set for December 20, 1981. The contest will be held in the small arena of the Farm Show Complex at 6 p.m. on Wednesday, Jan 13.

"Potential exhibitors are urged to send their entries soon, to eliminate disappointment of closed entries," Hallowell said. For more information or exhibitor catalogs, contact the Pennsylvania Farm Show, P.O. Box 3362, Harrisburg, PA 17105, or call 717/787-2905.

The Farm Show is sponsored by the Pennsylvania State Farm Products Show Commission in cooperation with the Pennsylvania Department of Agriculture.

Adams Beef Producers meet

GETTYSBURG — Levi Burkholder, from Myerstown, Lebanon County, will be the speaker at the next meeting of the Adams County Beef Producers Association on Tuesday, December 8 at 7:30 p.m. at the Adams County Extension Office.

His topic will be a slide presentation on "Young Farmers from Pa. in South America" and will illustrate the new frontier farming or homesteading in rural, remote areas of Paraguay. The farmers, who raise mostly grain and cattle, have had to clear the land and build their homes in conditions similar to those when our West was being developed.

Everyone is welcome to attend this presentation which could well be considered a travelogue.

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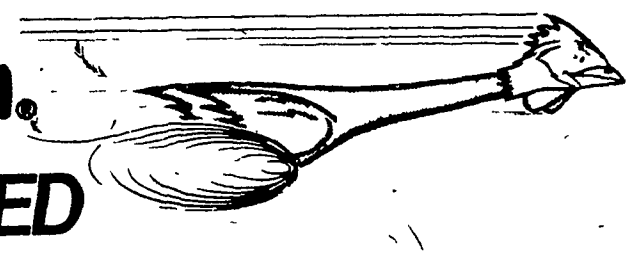

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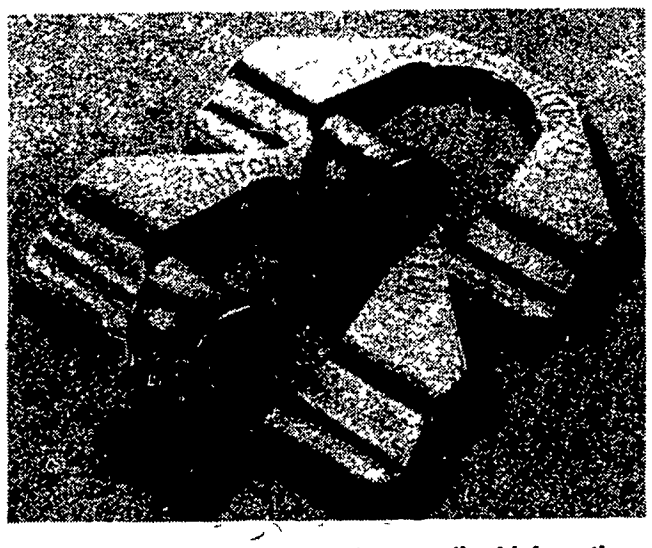

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Berks Co. Holstein Club honors members, elects directors

BY LAUREL SCHAEFFER
Staff Correspondent

FLEETWOOD — In winding up another successful and eventful year, the Berks County Holstein Club held their annual banquet at the Fleetwood Grange Hall, here last Friday.

Several senior and junior members were recognized for their outstanding services and accomplishments and several director's posts were filled through elections. Lori Lesher, Berks County Alternate Dairy Princess performed a short skit on dairy nutrition.

Jim Shaw, state director called the Fall Holstein Show, held at Bloomsburg, a success and urged more support for next year's show. He also noted that Berks County's membership goal for next year is 310 members, just a few more than entered in this past years rolls.

Doug Hershey, also from the State Association, discussed the consignment sale for the Penn State Ag Arena and urged Berks dairymen to help support this worthwhile cause. He also reminded the membership of discounts and benefits of achieving early membership goals and showed a film about the National Holstein Association entitled "Tomorrow is Today."

Tim Kissling, chairman of the County Holstein Sale, presented Ray Bicksler, Richland, with a plaque for consigning the highest selling cow at the sale. Ray and his wife, Barbara Bicksler, also were recognized by the Junior Holstein members for hosting their annual field day last summer. Kissling reported that the sale was a success netting the club $973.82.

New directors elected to the board were: Roy Hoppes, Donald Myers, and Robert Seidel.

Ronald Keefer and Daryl Harnish presented junior member awards and conducted an election for three directors. Elected to serve for the junior members were: William Lesher, Bernville; Todd Miller, Hamburg; and Scott Troutman, Myerstown.

Awards were presented as follows: Two-year-old Highest Milk Production- Cathie Ohlinger, Mohrsville, 19,681 pounds milk and 571 pounds fat; Two-year-old Highest Fat- Mark Moser, Oley, 17,192 milk and 721 fat; Three-year-old Highest Milk- Daryl Harnish, Richland, 23,314 milk and 522 fat; Three-year-old High Fat - Todd Miller, Hamburg, 21,448 milk and 745 fat; Four-year-old High Milk- Doyle Stump, Bernville, 22,933 milk and 800 fat; Four-year-old High Fat- Donna Stump, Bernville, 21,378 milk and 891 fat; Aged Cow High Milk and High Fat- Cathie Ohlinger, 28,247 milk and 968 fat.

Distinguished Junior member awards were presented to senior members William Lesher and Connie Ohlinger, Mohrsville, and to junior member Sandra Moser, Oley. Scott Troutman was recognized as champion showman, and Cathie Ohlinger received recognition as champion fitter.

Marie Herbert, Fleetwood, advisor to the junior members for the past few years, was given a present for her service. Debbie Stump, Bernville, was honored by the county club for placing as the Pennsylvania All-State Distinguished Junior Member at the State Convention.

Ray Bicksler, Richland, right, receives a plaque given in honor of his consigning the high-selling animal at the county club's Holstein sale. Making the presentation is chairman Tim Kissling.

Debbie Stump poses with her trophy for being selected as Pa. All-State Distinguished Member.

Berks County's Distinguished Junior Holstein members were, from left, William Lesher, Bernville; Connie Ohlinger, Mohrsville; and Sandra Moser, Oley.

Junior Holstein Club members who received awards at last Friday's Berks Holstein Club banquet included: back row, from left, Doyle Stump, Bernville, 4-year-old high milk; Todd Miller, Hamburg, 3-year-old high fat; Daryl Harnish, Richland, 3-year-old high milk; Cathie Ohlinger, Mohrsville, 2-year-old high milk; front row, from left, Mark Moser, Oley, 2-year-old high fat; Donna Stump, Bernville, 4-year-old high fat.

Brockett's Ag Advice

By John E. Brockett
Farm Management Agent
Lewistown Extension Office

Tax Management

This is the time of year that most calendar year self employed tax payers can do their most effective tax planning. The business year is far enough along so they can estimate their annual tax liability. Yet there is still enough time for some corrective action if taxes are either higher or lower than normal.

Some people consistently pay less taxes than other people in similar financial circumstances. What's more they do it all perfectly legitimately. How? Generally they practice what could be called "preventative tax management."

Tax management should be part of a manager's job. Decisions made by the manager may decrease, increase, postpone, or accelerate taxes that must be paid.

Unfortunately most farmers are more concerned about the possibility of a tax audit than about managing taxes. Or they may only be concerned with paying as little tax as possible without regard to income. Thus, they may either over pay taxes to keep them being audited or to give themselves a cushion if they are audited or over spend on unnecessary items to reduce taxes. None of these are consistent with good tax management. Recent tax law changes make tax management even more essential for 1981.

Records

The first step in tax management is accurate financial records. These records must be easy to keep, simple, and complete. They should be detailed enough to give the manager a good expense breakdown for the tax report yet simple enough that they can be used. Miscellaneous expenses should be kept to a minimum (most expenses should be put into a recognizable category).

Farmers that have good records could estimate their potential tax liability sometime in the next 2 months. From this, they could decide whether to postpone taxes by making advance purchases, holding off some income, or contracting for some capital items. They could also begin preparing for their tax obligation. Too many farm families wait until tax filing time then moan "I wish I had known how much tax I was going to have to pay, I would have..."

Prepare

In the next few columns, we will discuss deferring taxes, reducing taxes, 1981 tax law changes, and what to do about depreciable property. Some of the tax saving ideas would be valid whether the farm has good records or not.

However, the most benefit in the use of tax saving ideas will come to those who prepare by keeping a good, usuable set of business records. Another suggestion would be to add up and summarize ten months of records to find just how much tax savings you must work towards.

Young Farmer Institute opens next Saturday

HERSHEY — An estimated 300 Young Farmer representatives from throughout the country are expected at the 15th National Young Farmer Educational Institute, which opens next Saturday at the Hershey Motor Lodge.

The five-day program, which ends on Wednesday, Dec. 9, includes a wide variety of breakfasts, luncheons and banquet dinners with special events, tours to area farms and agri-business firms, a trade show, an advisors' seminar and educational workshops.

Saturday's initial sessions include an executive session, trade show and an opening banquet.

On Sunday, Dec. 6, the program features shuttle bus tours to Chocolate World, executive meeting, continuation of the trade show and a welcome banquet.

On Monday and Tuesday, Dec. 7 and 8, tours of area farms and agri-business firms will be held. Young Farmers will have a choice of three tours which are scheduled.

The Gettysburg tour includes Mason-Dixon Farm, the National Military Park and Battlefield and the Eisenhower National Historic Site.

A Lancaster County tour includes the Amish Homestead, the Landis Farm Museum, New Holland Sales Stables, Sperry New Holland, the beef finishing operation of Earl and Grace Martin and the Sunny Craft dairy farm of Earl and Barb Stauffer, Earl is president of the Pennsylvania Young Farmers.

A Berks-Lebanon tour features Meadow Wood Farm of Cyrus and Sallie Bomberger, Meadow View Farm of Lester and Marion Smith and the Carl and Marilyn Miller farm.

A special program for advisors to Young Farmer chapters will be held Sunday, Dec. 6, from 4 to 5 p m

Banquets with entertainment are planned both Monday and Tuesday, Dec. 7 and 8.

On Wednesday, Dec. 9, the Institute will close with breakfast sessions for men and women and a series of educational workshops.

Subjects to be explored in the various workshop sessions include energy, marketing, agricultural financing, commodity services, waste management, landuse planning, estate planning and chemical fires.

N.Y. Holstein

(Continued from Page A1)

top dollar for an 8-month old Bootmaker son in the Designer Fashion Sale.

The Canadian buyer purchased Hanover-Hill Ambassador-ET for $400,000. The bull, consigned by Hanover-Hill Farm, Port Perry, Ontario is out of an Excellent 94 Ellbank Admiral Ormsby Pride. He is also a maternal brother to Hanover-Hill Triple Threat-Red.

Odyssey Farms, Hillsdale, N Y paid $175,000 for Harla Monitor Jester Renee, consigned to the Designer Fashion Sale by Ken Main and Dave Younger of Yorktown Heights.

The 5-year-old Renee cow is an Excellent 90 with Excellent Mainmary sired by Gold Medal Sire, Fleetridge Monitor As a 3-year-old, she recorded 25,580 pounds of milk and 910 pounds of fat and carries a +1,675M Cow Index.

Her dam, Harla Astro Jester Barbie is a Very Good 85 with a top 6-year-old record of 32,190 pounds of milk and 1,046 pounds of fat

The Designer Fashion Sale included consignments from Nebraska, Canada, New York, Maine, Italy, Vermont, Michigan, Kentucky, Illinois, California, Wisconsin, Maryland and Connecticut.

This Bootmaker son topped the Designer Fashion Sale held last Saturday in conjunction with the Poverty Hollow Dispersal and the Hanover Hill Sale. Hanover-Hill Ambassador-ET sold for $400,000 to Claude Picket, Ontario, Ca. The Designer Fashion Sale set still another sale record with an incredible $50,000 average per head.

Limited tobacco buying reported

LANCASTER — Limited tobacco buying of the small amount of Maryland type grown in Lancaster County and pre-sorted hands of Pennsylvania type was reported during the past week.

Prices of the Maryland type reportedly ranged from $1.25 to $1.35 a pound. Less than three percent of the tobacco grown in Lancaster County is the Maryland type.

Prices for the Pennsylvania type ranged from 85 cents — the same as last year — up to $1.00 a pound for some special per-sorted hands. Buying was restricted to smaller independent purchasers. The larger buying firms were not in the field.

The bulk of the small amount of Pennsylvania type bought was at the 85-cent level.

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☐ 10:30 A.M. - Program at Cecil Dairy Service featuring JIM FRAIN, DeLaval Feeding Specialist.

☐ 12 Noon - Box Lunch will be served by reservation only

☐ 1:00 P.M. - Trip to Willis Hocking farm located at West Grove, PA to see DeLaval Ration Master in use. Also stops at neighboring farms of Richard Hoops and Gouge Bros. to see Satellite Feeders in use. Trip should be over by 2:30 to 3:00 P.M.

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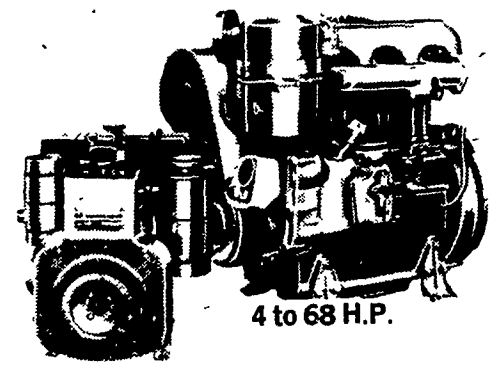

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Smysers Richlawn Farm tops York DHIA

BY JOYCE BUPP
Staff Correspondent

YORK — Smysers Richlawn Farm, 2691 East Berlin Road, topped the York County DHIA list for 1981 with an average of 20,967 milk, 772 fat, on 71 registered Holsteins. The Smyser operation is a family partnership including Richard Smyser and sons Robert, and Rodney.

Awards to the Smyser family, and to numerous other county herds, highlighted the annual DHIA banquet, held Tuesday evening at Avalong Farms Restaurant.

Second high was Avalong farms, Inc., R7, York, with an average of 18,977 milk, 724 fat, on 27 Holsteins.

Tied for the third place spot at 723 pounds butterfat were Sinking Springs Farm, R22, and Wayne E. Myers, Salem Church Road, Dover. Sinking Springs Farm had a milk record of 19,610 on 68 cows, while Myers' milk average on 39 cows was 19,610.

Two other herds topped the 700-butterfat mark. They were Thomas A. Boyer, Biescker Road, with an average on 35 cows of 19,497, 719 fat, and Paul R. King, R2, Delta with 18,285, 719 fat on 46 cows.

High lactation average went to George Knight's registered Holstein "Ela," with a 5 yr. 9 mo., 305-day record fo 39,781 milk, 4.0 percent, 1580 fat.

Topping the Lifetime Production Certificate list was "Jill," owned by Stump Acres. Born in 1965, with an even dozen lactations to her credit, Jill's lifetime totaled 229,300 milk, 9337 fat.

T. Edwin Johnson, Airville, had the highest increase in the over-500 butterfat averages, jumping a total of 80 pounds in 1981 for a completed herd average fo 16,802, 648 fat, on 52 cows.

In the over-400 category, the J.E. Baker farm, operated by Jeff Wolgemuth, increased a total of 215 pounds, bringing the herd lactation average to 17,027 milk, 627 fat on 42 head.

Due to a record number of increases over 50 pounds of butterfat in both the over-500 and over-400 categories, the DHIA presented rosettes to all herds meeting this accomplishment.

Winners in the 50-pound butterfat increase, over 500-pound herd average, were: T. Edwin Johnson, 80 pounds; Dennis Myers, 74 pounds; Rick Cook, 71 pound; McRal Dairy, 69 pounds; Leroy Bupp, 67 pounds; Paul King, 63 pounds; Fred Sprenkle, 62 pounds, J.H. and M.B. Hushon, 58 pounds.

In the over-400 fat average category, these herds increased over 50 pounds: J.E. Baker farm, 215 pounds; Daryl Bair, 149 pounds; Gary Thoman, 104 pounds; Palmer McWilliams, 90 pounds; Bupplynn Farms 2, 90 pounds; Elvin Dieter, 84 pounds; Harold Brown, 76 pounds; Ellis Crowl, 73 pounds; Mervin Hertzler, 69 pounds, Big-T Holsteins, 67 pounds; Horace Heindel, 64 pounds; Elwood Krick, 58 pounds; Jacob Brubaker, 54 pounds; and Robert Baumgardner, 51 pounds.

Awards also went to junior members of the county Holstein association, for milk and fat production individuals.

Debbie Wolf's "Gerrilynn Heidi Tiho-Kit Star," won both the milk and fat production for 2-year-olds with a 2 yr. 11 mo. record made in 294 days, of 21,975 milk, 3.4 percent, 758 fat.

Three-year-old milk and fat production winner was David King's "Kingway Neuz Max," with a 3 yr. 11 mo. 305-day lactation of 23,303 milk, 3.9 percent, 901 fat.

"Antrim Springs Bobbie Elevation," won the 4-year-old milk award for her owner Barb Kilgore. The Elevation daughter, at 4 yr. 9 mo., in 305 days, milked 23,745 milk, 3.2 percent, 766 fat.

In the 4-yr-old fat production competition, Patty Greek's "Marbet Rocket Idol" topped all others, with a 305-day record of 19,449 milk, 4.5 percent, 881 fat, at 4 yr. 3 mo.

"Coredale Bootmaker Twinkle Toes," was Roy Thompson's winning entry in the aged cow category. At 7 yr. 6 mo., in 305 days, the Bootmaker daughter milked 18,679 milk, 4.0 percent, with 747 fat.

A total of 13 juniors competed in the milk-and-fat runoffs, and were awarded recognition for their participation.

On September 30, the York County DHIA completed sixty years of production testing for the purpose of upgrading the county's dairying operations.

In the period from 1920-24, only 138 cows were on test. They averaged 7,349 milk and 281 fat.

Sixty years later, production in both milk and fat has doubled.

A total of 6,736 cows were on test during 1981, averaging 14,797 milk and 550 fat.

Supervisors for the York County DHIA program are Vere Balmer, Abbe Johnson, Tim Sizemore, Jeff Grove, David Miller, and Marianne Walter.

Reduce soil compaction, improve production

LEESPORT — The equipment used to till, cultivate and harvest crops also contributes to yield reductions due to soil compaction, reports Mercedes Seman, soil conservationist for the U.S. Soil Conservation Service in Berks County.

"The effect any traffic has on a field may not be immediately noticeable but it does occur. Due to the weight of the machinery which is being driven over the field, the structure of the soil beneath the wheels is broken down. This disturbed structure results in reduced pore space in the soil and increased soil density," remarks Seman.

Consequently, as the years go by, zones impervious to crop roots develop, tilth is reduced, drainage is impaired. These characteristics negatively influence timing of planting, availability of fertilizers, effectiveness of pesticides, field trafficability, and crop yield.

To prevent excess damage to soil structure, several cultivation practices are recommended, notes Seman. Minimum-till or no-till methods help to retain and improve soil structure in relation to regular tillage practices. These tillage methods enable the plant residues to remain in the ground. The rotting roots leave behind new pore spaces and the decaying surfaces organic matter aids in increasing soil tilth.

If minimum-till or no-till methods are not used, it still helps to avoid excess soil disturbance. "Use a chisel plow or disk rather than a moldboard plow, when possible," advises Seman. "Try to keep your trips over the field to a minimum.

"Avoid going into wet fields., The most damage can be done to the soil structure when the soil is wet. It has a plastic nature when wet and can easily be deformed with pressure. This is why it is more difficult to maneuver any heavy equipment in wet soils.

When harvesting, leave behind a heavy residue cover.

"By following these recommendations, damage to the soil structure can be reduced," states Seman. "Soil is the ideal growth medium known today. It took millions of years to form and is, in itself, a very delicate, balanced system. It is important to protect the soil as it is used, to enable it to be used over again."

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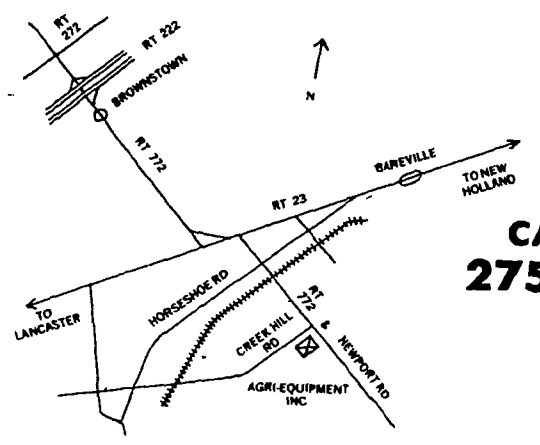

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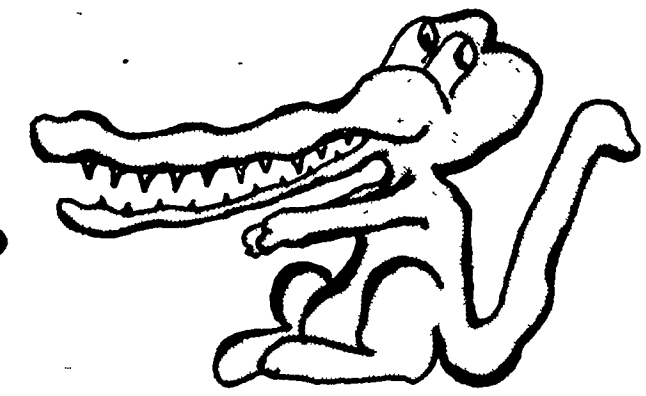

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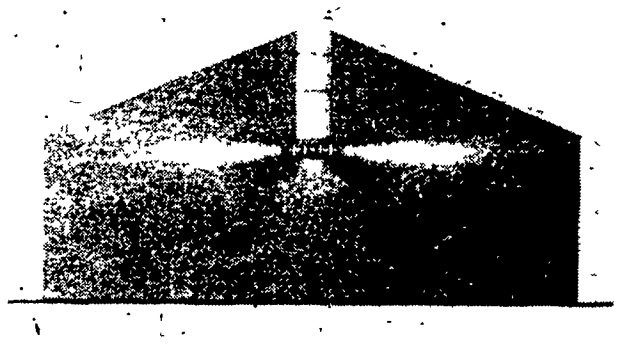

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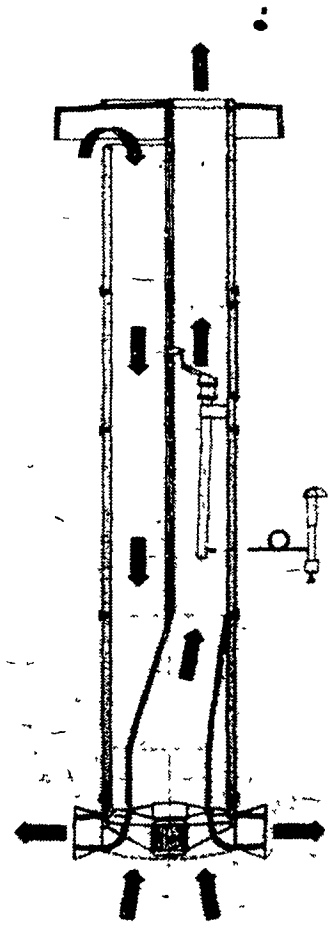

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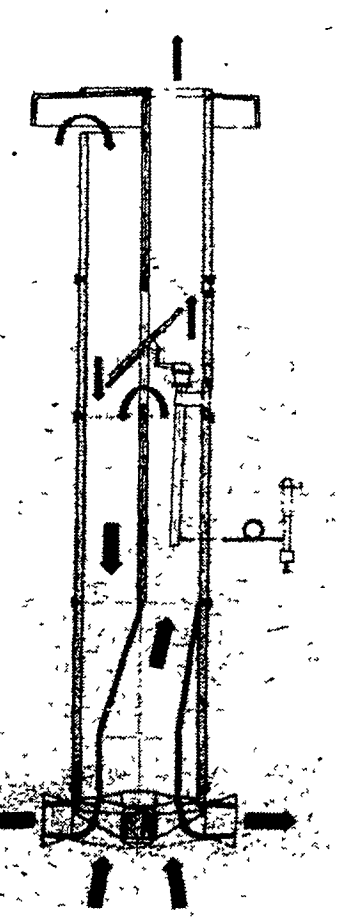

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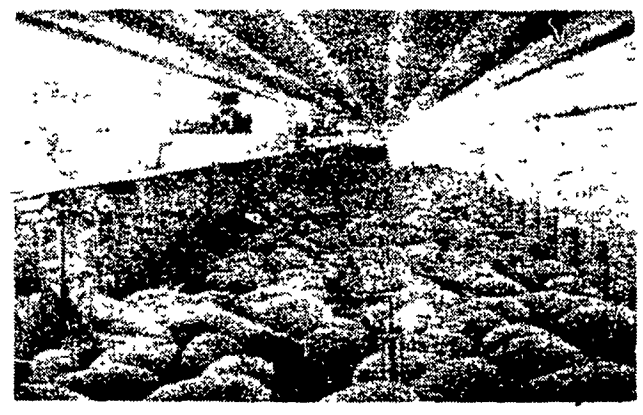

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Mest herd has Montgomery Co.'s greatest gain, highest fat

By M. Joan McIntire

LANSDALE — Merrill Mest, Schwenksville, won the trophy for having the highest test results in Montgomery county at the 1981 Dairy Herd Improvement association banquet held here last Saturday. Mest's herd produced 16,474 pounds of milk with 700 pounds of fat.

George Seneko, Jr., Harleysville, with 17,889 pounds of milk, and 699 fat, was second. David P. Longacre, Hereford, won third with 19,233 pounds of milk, 689 pounds fat. They were awarded plaques.

Ribbons went to the remaining seven farmers who made it to the top 10. They were Fred Seipt, Lansdale, 17,198 pounds of milk, 685 fat; Richard Bechtel, Harleysville, 18,333 pounds of milk, 680 fat; Roy S. Kolb, Spring City, 17,085 pounds of milk, 667 fat; Harold K. Halteman, Telford, 17,620 pounds of milk, 667 fat; J. Harold Keener, Telford, 17,900 pounds of milk, 663 fat; E.N. Halteman, Harleysville, 16,074 pounds of milk, 647 fat; and Robert A. Hewitt, Spring City, 16,480 pounds of milk, 642 fat.

David P. Longacre won a trophy for high milk production, while Richard Bechtel and the W.B. Saul High School in Philadelphia won plaques.

Others in the top ten for milk production included: Merrill G. Ruth, J. Harold Keener, George Seneko, Jr., Harold K. Halteman, the Du Mar Farm, Fred Seipt, and Roy S. Kolb.

For the greatest increase in 1981, Merrill Mest won a trophy. Woodson Farm, Pennsburg, and Graterford Correctional Industries were second and third place winners. Also in the top ten were: David P. Longacre, Clark Yoder, James Stutzman, Robert A. Hewitt, Roland R. Johnson, Fred L. Seipt, and Harold K. Halteman.

Montgomery County dairy producers with the highest record increases included: from left, Fred Seipt; Merrill Mest; Stanley Kopistecki, Graterford Correctional Industries; and Robert Hewitt. Not pictured were Harold K. Halteman and David Longacre.

Allen Kriebel accepted an award from the Pennsylvania Department of Agriculture for his farm, which has been in his family for more than 100 years. Conrad and Bonnie Fisher also received a 100-year award.

In a slide presentation entitled "Visit to the Top Ten Herds," Montgomery County agent Joseph H. Way showed highlights of activities on the farms with the highest production.

An energetic group of senior citizens entertained the DHIA members for an hour. The Bum-Bah Bucketeers, from the Harleysville Senior Adult Activity Center played a variety of unusual musical instruments while singing and dancing. The featured instrument, the Bum-Bah, is a pogostick-like arrangement with a tamborine, little bells, a horn, a cow bell, cymbals, a woodblock, and banjo strings. It is played by bouncing it up and down, and striking it with a drum stick or brush.

Some of the Montgomery Co. Dairy Herd Improvement Association members receiving awards for high butterfat records included: from left, Harold K. Halteman, Telford; Roy S. Kolb, Spring City; Fred Seipt, Lansdale; Robert A. Hewitt, Spring City; E.N. Halteman, Harleysville; and Richard A. Bechtel, Harleysville. Not pictured were David Longacre, Hereford; J. Harold Keener, Telford; George Seneko, Jr., Harleysville; and Merrill Mest, Schwenksville.

Milk production awards were given to: from left, Harold K. Halteman; Roy S. Kolb; Fred Seipt; Richard A. Bechtel; Merrill G. Ruth, Telford; and D. Alderfer, Harleysville. Not pictured were Harold Keener, David Longacre, and George Seneko.

1981 HERD SUMMARY

Sixty herds completed twelve months production testing. A complete list of DHIA herds follow. In addition there were three owner sampler herds This report lists rolling herd averages

Merrill Mest	38.9	H	16,474	700
George Seneko, Jr	69.2	H	17,889	699
David P. Longacre	89.6	H	19,233	689
Fred Seipt Family	125.9	H	17,198	685
Richard A. Bechtel	57.0	H	18,333	680
Roy S. Kolb & Sons	74.0	H	17,085	667
Harold K. Halteman	59.1	H	17,620	667
J. Harold Keener	43.9	H	17,900	663
E.N. Halteman & Sons	52.2	H	16,074	647
Robert A. Hewitt	43.1	H	16,480	642
Charles Rhoads	38.0	H	16,649	635
E. Jay Renninger	117.0	H	16,218	631
Woodson Farm	38.7	H	16,193	624
Du Mar Farm	58.0	H	17,493	621
Merrill G. Ruth	57.1	H	18,139	616
WB Saul High School	12.6	H	18,142	613
George Bisbort	40.4	H	15,665	611
James Guntz	39.6	H	15,853	603
Merrymead Farm	127.1	H	15,758	601
Paul W. Weaver & Sons	56.6	H	15,569	598
Alvin D. Delp & Son	47.1	H	15,727	596
Ronald R. Johnson	39.3	H	15,748	596
Gordon Moser	40.9	H	15,881	595
Lalisa Holsteins	52.2	H	15,359	588
John W. Meyers & Son	40.3	H	14,498	582
Gehringer Bros.	59.6	M	14,585	581
Donald G. Stutzman	43.9	H	15,691	581
Clyde Masemore	66.2	H	13,508	565
Clark Yoder	52.5	H	14,689	558
Andrew Schertel	68.8	H	13,582	558
Kriebel Bros.	30.9	H	14,530	552
Gordon D. Holl	36.5	H	14,698	545
John Nikerle	54.1	H	14,602	543
Kenneth P. Schultz	49.5	H	13,755	542
Daniel E. Kolb	52.0	H	14,288	535
Irwin L. Zeigler	57.7	H	13,761	534
Correction Industries	139.8	H	14,470	534
Donald O. Kriebel	56.0	H	13,753	528
Hy-Vue Farms	165.1	H	15,143	527
S. Horace Mowrer & Son	135 9	H	14,278	527
Norristown State Farm	126.8	H	14 363	524
Jesse V. Zumstein	110 3	H	11,668	519
Robert L. Freed, Sr	51 7	H	13,338	514
Walebe Farms	193 0	J	11,102	511
Edward Wisser	39.3	H	13,979	508
Robert W. Wolfgang	35.3	M	13,128	507
Grater Brothers	60.3	G	10,886	502
Curtis N. Kratz	47 1	H	12,701	502
Mark A. Slater	72.5	H	13,375	497
Franklin J. Schlegel	37 6	H	12,864	487
C.L. Reinford & Sons	83 8	H	12,649	487
Claude R. Bieler	31.3	H	11,813	481
Ronald P. Boyer	35.0	H	11,890	476
Hoffman Farms	138.8	H	12,346	470
Paul S. Jones	45.6	H	12,108	449
Walton Hackman	85.6	G	9,355	446
Grim Brothers	45.5	M	11,682	443
Watershed Farm	118.9	H	11,601	441
Stanley Fox	61.8	H	10,901	417
Warren W. Long	45.6	H	8,901	408

HIGH HERDS IN MILK PRODUCTION

David P. Longacre	89.6	19,233	689
Richard A. Bechtel	57.0	18,333	680
W.B Saul High School	12.6	18,142	613
Merrill G. Ruth	57.1	18,139	616
J. Harold Keener	43.9	17,900	663
George Seneko, Jr	69.2	17,889	699
Harold K. Halteman	59.1	17,620	667
Du Mar Farm	58.0	17,493	621
Fred Seipt Family	125.9	17,198	685
Roy S. Kolb & Sons	74.0	17,085	667

GREATEST INCREASE - 1981

Merrill Mest	700	90.6
Woodson Farm	624	68.6
Correctional Industries	534	64.8
David P. Longacre	689	62.5
Clark Yoder	558	60.2
James Stutzman	581	59.1
Robert A Hewitt	642	57 0
Roland R Johnson	596	55.7
Fred L Seipt	680	55.0
Harold K Halteman	667	52.5

Greatest increase in fat is computed by a formula adopted in 1960 The purpose is to recognize herds making steady year to year progress and to give more credit for increasing production on herds already on a high level of production.

HIGH TEN COWS - 1981

October 1, 1980 through September 30, 1981

FAT PRODUCTION - 305 days

J. Harold Keener Tracy	H	11-10	22,375	1006
Fred Seipt Family Honest	H	6-1	20,493	990
David Longacre Mollie	H	6-8	26,665	979
David Longacre Prilly	H	7-9	24,501	962
Richard Bechtel Snoflak	H	8-2	23,408	962
Hy-Vue Farms 812	H	4-4	24,149	951
Merrill Mest 88	H	5-5	18,505	936
Fred Seipt Family Gwen	H	6-2	21,116	935
David Longacre Billie	H	6-3	26,474	931
J. Harold Keener Pearl	H	8-5	22,614	931

MILK PRODUCTION - 305 days

Hy-Vue Farms 40	H	6-10	28,434	774
James Guntz 29	H	5-0	28,156	899
Hy-Vue Farms 811	H	3-4	27,437	840
David P. Longacre Mollie	H	6-8	26,665	979
David P. Longacre Billie	H	6-3	26,474	931
Hy-Vue Farms 818	H	4-2	26,161	889
Roy S. Kolb & Sons 86	H	11-1	25,624	873
David P. Longacre Margo	H	6 10	25,546	795
George Seneko, Jr Libby	H	5-7	25,479	913
Du Mar Farm Rachel	H	4-2	24,987	824

Grants available for agricultural preservation

LANCASTER — A grant totalling over $83,000 has been awarded to the Planning Commission and the Agricultural Preserve Board to further their work in agricultural preservation.

The majority of the funds, provided under the Federal Communrty Development Program, are to be used by local municipalities in their agricultural preservation planning efforts.

So far, eight Lancaster County townships - Brecknock, Clay, East Cocalico, Ephrata, Manor, Paradise, Pequea, and West Cocalico — have submitted applications totaling approximately one-half of the $50,000 earmarked for local grants.

Municipalities may still apply for the remaining funds. Any local official interested in applying for some of the grant money or in learning more about the program should contact Robert S. Yates. Chief Community Planner, at the Planning Commission, phone 299-8333.

Records keep Melwood cows at peak

By Joan McIntire

COCHRANVILLE — Chester County dairyman Melvin Stoltzfus was recently honored by his fellow dairy peers at the County's Dairy Herd Improvement Association banquet. Stoltzfus' herd of Holsteins turned in both the top milk and fat production records for the year, pumping out 21,527 pounds of milk with 840 pounds of fat.

According to Stoltzfus, one of his management tools that helps him to achieve this top production is a record-keeping system called a Cow Calculator. This chart helps him to keep individual information, on each of his 35 head of milk cows, available at a glance.

"The credit belongs to the breeders of the cows," explained Stoltzfus. "We've been privileged to work with good cows that were bred by a few people in whom I have faith as breeders. Also, the Lord blessed us with a good crop year."

One of the breeders Stoltzfus puts his trust in is his father Jacob Stoltzfus. Twelve of his present milking string were purchased from his father. These cattle are joined by six top milkers bred by Earl and Betty Weir. The Weirs sold Stoltzfus his 75-acre farm, called Melwood, along with the cattle five years ago. These 18 milkers make up Stoltzfus' 'first string' — the highest producers in his herd.

Even the best bred cattle won't produce well if they're not fed correctly, points out Stoltzfus. Helping out in the nutrition department is a fellow Stoltzfus with the first name of Gideon — the feed consultant for Brown and Rea Feed Mill, Atglen.

"He takes these resources and gives me knowledge," remarks the dairyman.

Stoltzfus' feeding program incorporates baled hay, corn silage, ground corn and oats, and a top-dressing of vitamins and minerals. Much of the feed is homegrown, with alfalfa, corn and wheat being raised at Melwood Farm. Only in poorer crop years has feed been purchased, noted Stoltzfus.

Backing up his 'first string', Stoltzfus has 50 head of replacement heifers waiting on the sidelines. Some of these potential milkers were homebred at Melwood. Stoltzfus explained that he strives for and achieves a 13-month calving interval with cows milking for 11 months and being dried off for 2 months. The Chester dairyman milks twice a day in the barn which is outfitted with comfort stalls and a pipeline.

"My cows are at the peak of age now. They are in the prime of their life and are averaging about 76 pounds of milk a day with 3.7 percent test," stated Stoltzfus.

Sharing the dairying life with Stoltzfus are his wife, Mary Ellen, and children Merlin, 3, and Melanie, 1.

One of Melvin Stoltzfus' most valuable cows is Dunwood Golden Sunlight who represents six generations of Dunwood breeding. This 5-year-old EX cow lets down 100 pounds of milk per day, something she's been doing since her lactatin began on February 14. She is projected at 33,000 pounds milk with 1,200 pounds fat.

NFO convention begins Monday

CORNING, Iowa — Thousands of farmers, faced by their worst economic crisis since the 1930s, are flocking to Indianapolis, Ind., this weekend for the annual convention of the National Farmers Organization, scheduled for Nov. 30 through Dec. 3 at the Indianapolis Convention Center.

U.S. Secretary of Agriuclture John Block and a number of other public officials and national leaders will address the convention.

The NFO is the only major farm organization that does not have a product to sell. It's single aim is blocking farm products in significant volume and then bargaining for a price from buyers.

"Collective Bargaining — more than marketing" is the slogan of the 1981 convention. The announced goal of NFO is using Collective Bargaining to achieve the cost of production plus a reasonable profit.

This will be the first National Farmers Organization national convention to be held in Indianapolis, and if experience is any indication attendance will be swelled by NFO members living in Indiana and surrounding states. The organization is nationwide in membership.

Attendance is expected to be particularly heavy on Dec. 2, when meetings will be held for various commodity groups such as dairy, grain, livestock and specialties.

At these commodity meetings, bargaining programs of the past will be reviewed and plans made to deal with the coming year. Secretary Block will speak at the Wednesday night session.

National Farmers Organization President DeVon Woodland of Blackfoot, Idaho, will open the convention with a news conference at 2 p.m., Nov. 30 and will speak at a general session at 8 p.m., Dec. 1.

Plans also call for a news conference with Secretary Block and the time and place will be announced when his travel arrangements are completed.

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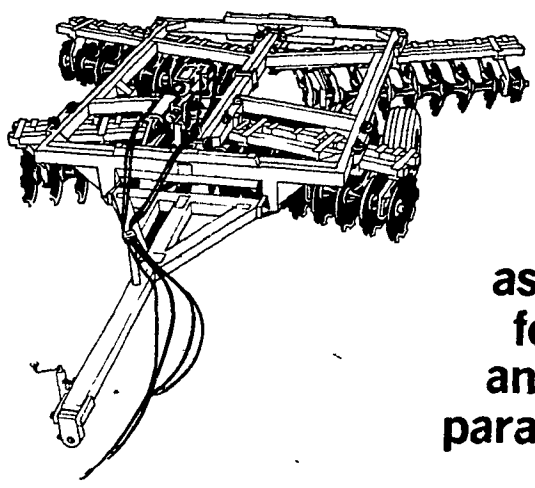

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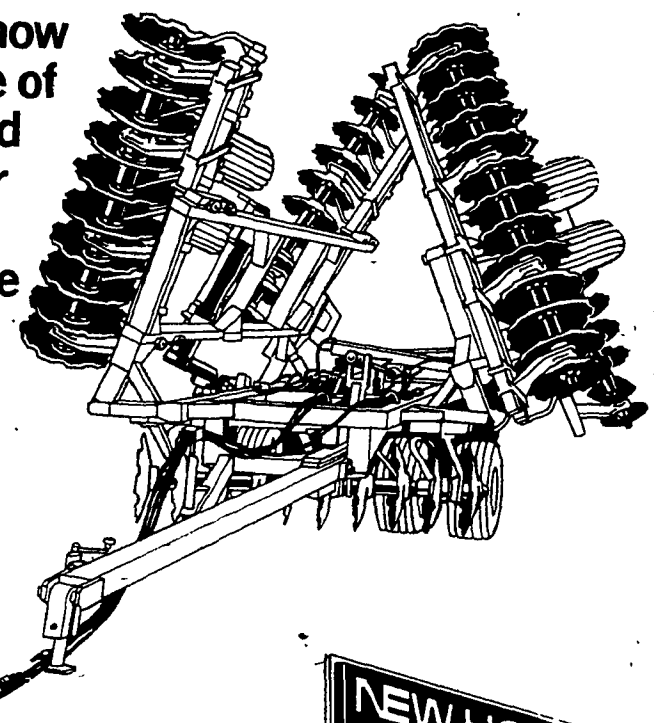

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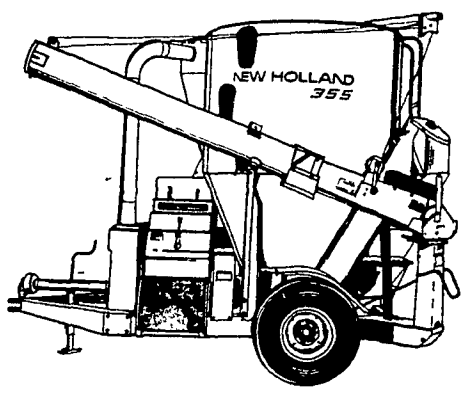

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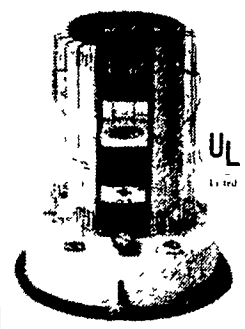

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High-rise pens get pigs off ground

NEWARK, Del. — Elevated pens, double decks or triple decks are sometimes used to rear pigs off the ground.

The reason for structures like these is to get young pigs off the floor to a warmer environment, notes a U. of Delaware spokesman Those weaned at three or four weeks of age need such warmth. A raised system, when properly designed, offers some economic and production advantages over growing them on the floor. The whole idea of elevated pens is to reduce stress for the pig, he adds.

"One of the advantages of decks is that you can put more pigs in a given area," says University of Delaware Extension livestock specialist Richard Fowler. "This reduces building cost per pig and allows producers to increase pig numbers without expanding the building."

Decks also make it easier to control the environment. Deck pens are smaller and therefore reduce the stress encouraged in large groups. It's also cheaper to heat a building when multi-level pens are used. The top pens are warmer and so provide a better environment for smaller pigs. Mesh or open floors used in deck pens stay cleaner and drier. Elevated pens are well suited for early weaning, so sow productivity can increase.

"There are some bad features to elevated pens, too," says Fowler. "Pigs on upper levels aren't much fun to remove. Most of them aren't too excited about climbing down by themselves, so someone has to catch and remove each pig." For this reason, limit pens to three or four feet in depth and don't grow pigs beyond 50 pounds.

It's harder to see pigs on the bottom deck, which is another disadvantage. Good ventilation is required at all levels, so a system must provide effective air exchanges throughout the room.

All-in, all-out systems of management require careful planning of weaning and mating procedures. Maintenance can be challenging, too, unless plans to allow for equipment upkeep are complete before construction. Drop boards or metal trays can be used under upper level pens to prevent manure from falling onto animals below.

Certain types of construction appear more satisfactory than others for elevated pens, the specialist says. Floors that work well include woven wire, plastic-coated expanded metal (½" x 1" openings), aluminum slats (3" wide with ½" openings), plastic-coated steel mesh (3/8" x 1" openings).

In studies at VPI and several mid-west university stations, performance was similar on all materials, but feed efficiency was seven percent poorer on the aluminum slats. Proper support is important with wire floors and the material should be galvanized to provide longer use. The wire floors have excellent cleaning properties.

Eight pigs per pen is the ideal number for this type of housing. Daily gain and feed efficiency worsen as the number increases beyond that. Greater social problems seem to occur also. The recommended amount of space per pig is as follows: up to 30 pounds allow 1.6 square feet per pig; to 40 pounds, 2.0 square feet per pig; to 50 pounds, 2.7 square feet. Plan pen size for the final weight you take out of the pen.

The pens may have one to three closed sides. Open bar partitions are used in many cages. Up to one-third of the total floor surface may be of solid material. Some pigs prefer to sleep on a solid area when given the choice. Consider the solid portion as an overlay across the center of the pen. Such a plan avoids a solid floor in the corners where pigs are likely to establish dunging patterns.

— Allow three inches of feeder pigs space per pig. The feeder may be longer than that if it serves as the end wall or gate end of a pen. Some deck pens do include the feeder as a gate that swings open to allow access to the pen. Nipple waterers work well and can be allowed to drip for a short time until pigs learn to use them. One waterer should serve 8-10 animals.

For a nursery deck plan, write to: Extension Livestock Specialist, Department of Animal Science, University of Delaware, Newark, DE 19711.

Elevated pens in U. of Delaware's Georgetown swine unit keep young pigs warm and cozy, reducing stress on animals while cutting production costs for grower.

Pa. broiler placements up

HARRISBURG — Placements of broiler chicks in the Commonwealth during the week ending November 14 were 2,059,000, according to the Pennsylvania Crop Reporting Service.

The placements were one percent above the corresponding week a year earlier and three percent above the previous week. Average placements during the past nine weeks were slightly below a year ago.

Placements in the 19 key poultry producing states were 70,809,000, 12 percent above the previous week and slightly above the same week a year earlier. Average placements in the key states during the past nine weeks were two percent above a year ago.

Broiler-fryers slaughtered in Pennsylvania under federal inspection during the week ending November 4 totaled 2,026,000, with an average liveweight of 4.09 pounds.

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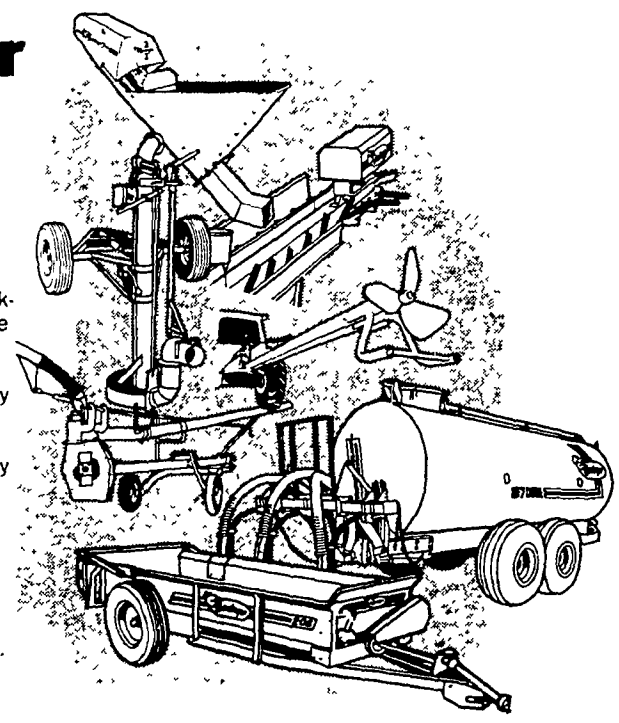

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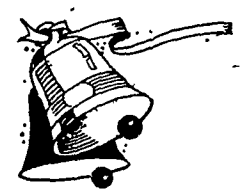

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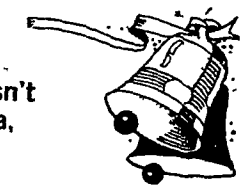

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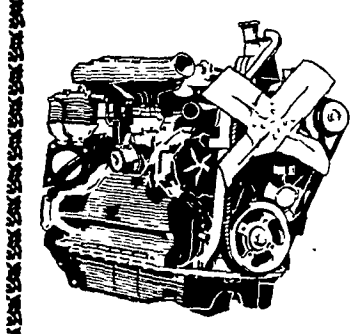

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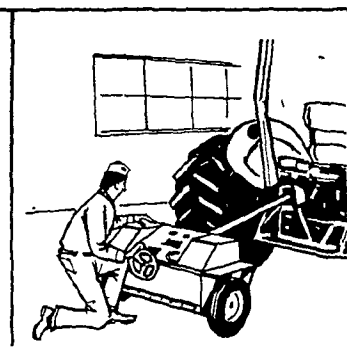

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Top market hogs bring record prices

LOUISVILLE, Ky. — The price of market hogs may be on the rise if the Sale of Champions at the North American International Livestock Exposition is any indication of future hog prices.

Garland Bastin, general superintendent of the Expo and auctioneer for the sale, enticed the evening crowd to a record-breaking bidding level for the Grand Champion Market Hog.

Scott Shellhouse, of Sycamore, OH, sold his 236 pound Yorkshire-Hampshire cross market hog for seven dollars a pound to Ag Associates, Inc. of Louisville. Scott a member of the Mohawk F.F.A. chapter, said he had received five dollars per pound for a half-brother of the barrow at this year's Eastern National Livestock Exposition.

Describing the difference in prices, Scott's father, Bob Shellhouse, suggested, "I guess this proves Kentucy can outdo Maryland.

David Anderson, of Darlington, Indiana, sold his 227 pound Hampshire-Duroc-Yorkshire cross gilt to the combined forces of Feeder Supply Company, and Haskins Litter. Feeders Supply is a Louisville company and Haskins Litter is located at Odin, Indiana. Auctioneer Garlin Bastin coaxed bidding to $4.50 for Anderson's Reserve Grand Champion hog.

Although Anderson had only hoped to get half of the Champion's price, he noted the best part was the free advertisement. He assumes it will help his barrows sell as 4-H projects.

Roy Gibson, president of Feeder Supply and spokesman for the two firms, commented, "...We bought the Champion Lamb last year because of our interest in the Louisville show and its resulting good for the River City. This year we thought we'd diversify and buy a hog." Similar reasoning underlays the Grand Champion purchaser.

Linda Kalvar, extension director of Ag Associates, spoke of three accounts for which they handle media and public relations; the Louisville Barrow Show, the Kentucky Pork Producers, and the NAILE itself. She concludes, "Because of these livestock affiliations, we felt we should show our appreciation to the pork industry and agriculture."

Ag Associates' appreciation was well received by Bob Shellhouse. His parting words were, "We'll be back (to Louisville) next year."

NAILE champion steer brings $5 grand

LOUISVILLE, Ky. — By 10 p.m. last Friday, it was all over except for the celebrating by two steer exhibitors at the North American International Livestock Exposition. They were Mike Welhelm of Shannon, IL and John Bott of Forreston, IL.

Ten o'clock was when the Sale of Champions ended at the Kentucky Fair and Exposition Center's East Hall. Their biggest moment had been in the sale ring and they joined hundreds of other sale guests to celebrate the big event.

The families of these two men live only 15 miles apart. According to Wayne Wilhelm, the family's have had a friendly rivalry going on for years. Even though they were competing against each other in the steer show, they still shared a trailer when riding from their Northern Illinois homes.

Their steers are half brothers and placed Grand Champion and Reserve Grand Champion at the Steer Show held earlier in the day.

The Grand Champion, owned by Mike Wilhelm, weighed 1,229 pounds, while Bott's steer cleared 1,217 pounds and walked away with Reserve honors.

The Grand Champion was bought by a group of Louisville bankers. Represented in bank group were: Stock Yards Bank, Liberty Bank, Citizens Fidelity Bank, First National Bank and the Bank of Louisville. According to Richard Raderer, spokesman for the group, the gentlemen were "glad to be able to buy and get a price high enough to encourage exhibitors to bring their cattle to the North American."

Raderer said the bankers would have to hold a meeting to determine what they would do with their newly purchased steer. He did, however, comment that they would "...probably donate the meat to a Louisville orphanage, after displaying the steer for a time." The bank group purchased the steer at $4.10 per pound for a total price of $5,030.70.

The Reserve Grand Champion was purchased by Joe Cross of Cross Motors Pontiac of Louisville for $2,190.00.

Wayne Wilhelm described the atmosphere at the Sale of Champions when he said, "I don't really care how much it brings. We just get so much pleasure at just winning the show and being able to be here."

Milk letdown

COLUMBIA, Mo. — A half-minute spent stimulating milk letdown in dairy cows is time well spent, according to University of Missouri-Columbia dairy scientists.

They say hand stimulation of the teats, including thorough washing and drying for 30 seconds, can increase milk output by up to 30 percent compared to 5 to 8 seconds of stimulation.

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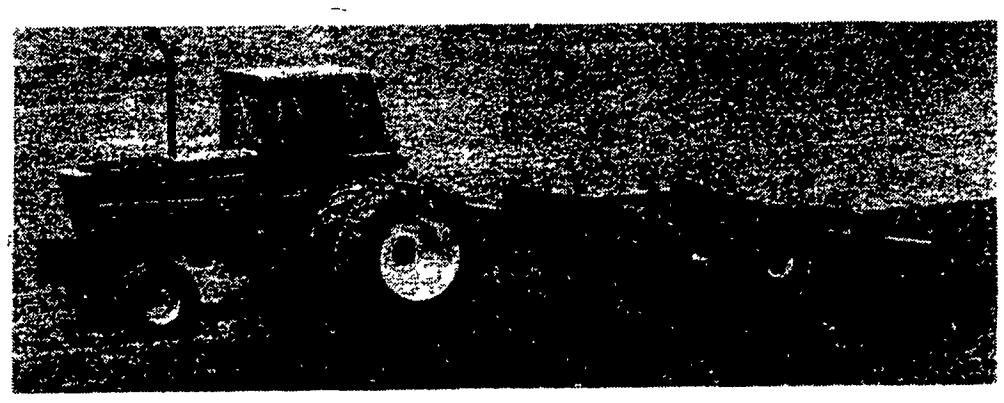

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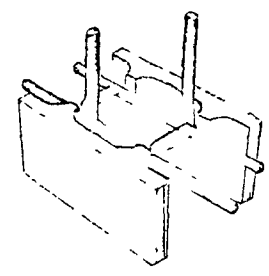

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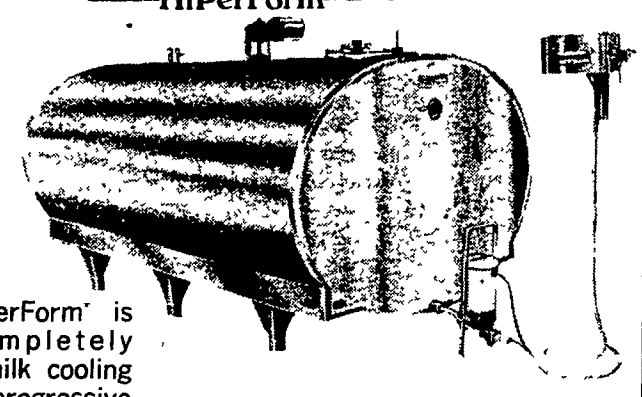

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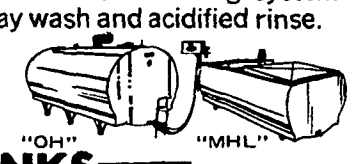

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Dauphin dairy producers hear marketing news

BY SHEILA MILLER

HARRISBURG — Members of the Dauphin County Dairy Herd Improvement Association heard some good news and some bad news last Friday evening during their annual meeting at the Extension office.

Guy M. Crews of National All-Jersey Inc. told the group that dairy farmers "have troubles — serious ones — over the production of milk" and that they "don't have many friends in Congress or among consumers."

Can anything be done by dairy farmers to help pull themselves out of this dilemna? That's the good news — and marketing is the answer, according to Crews.

"Our national market is going away from fluid milk sales," pointed out Crews. "It's an entirely different marketing challenge."

One way in which dairy farmers can help create an environment which will curtail overproduction of fluid milk is to push for component pricing, said Crews. "If you continue to go the way of overproducing, someday you're going to have to pay the fiddler."

Crews recommended that the price of milk be based on its end-product value rather than the Minnesota-Wisconsin price, especially for Class II milk. "It's stupid, irrational, immaterial to consider any other way of marketing," he exclaimed, admitting these were "harsh words" against the present system.

"We must recognize that most milk is sold in other than bottled form. Cheese consumes 30 percent of the milk today. Therefore, we must be market-oriented as far as price is concerned. We're living in a situation where milk is unrealistically priced," he explained.

Crews suggested dairy producers should go through their milk cooperatives and get their message to the Federal Orders calling for end-product or component pricing on 58 percent of the nation's milk — Class II milk. "You'd better get interested in marketing," he admonished.

"I'm convinced that our 10 percent overproduction could be solved if that portion of the Class II milk that doesn't yield a satisfactory end product would be gotten rid of," he stressed. "Unfortunately, dairy producers have lived in a subsidized market too long."

Crews warned the Dauphin County producers that unless they, and other producers, become concerned with prices of processed milk, the industry would be in deep trouble. "Dairy folks are most efficient when it comes to producing milk, but know little and care less about marketing it.

"Don't say you don't understand marketing," he chided. "Go learn it. Don't turn your product over to someone else and say 'Here, you take it and do the best you can with it.'"

Pointing out that farmers are taking a lot of water to market, Crews suggested more emphasis needs to be put on test — not only for fat but also for protein.

Even though six different milk samples might have the same fat test of 3.5 percent, their protein test could differ by as much as 2 points — from 2.6-4.5. Each of these samples would yield a different quantity of cheese in the end since it takes one pound of protein to produce 3.06 pounds of cheddar cheese, but they would all receive the same price based on current marketing standards.

When asked if component pricing had anything to do with breeds of dairy cattle, Crews stressed that this type of pricing is not a breed issue — although feelings of this kind have caused it to lag. "Since 90 percent of the milk in this nation is produced by Holsteins, including Class I and Class II milk, 50 percent of these same Holsteins are testing higher than the other half — therefore their milk is mispriced."

He noted that Europe has been buying its milk based on protein test for the past 25 years. "Here we fuss among ourselves and watch the industry deteriorate," said Crews. "A good pricing plan would need both protein and butterfat, but protein pricing would be more realistic."

When questioned about whether it wasn't better to promote the fact that milk is high in protein and thereby increase fluid milk consumption rather than push for protein pricing on Class II milk, Crews focused his criticism at the American Dairy Association and the United Dairy Industry Association.

"Get UDIA and ADA to promote milk and protein in their ads to increase fluid milk consumption," he said. "California has the greatest fluid milk consumption in the country as a result of its ad program. And there's been no dramatic change in breeds raised by those dairy producers even though 8.75 percent of their market is solids-no-fat milk with another 10 percent solids-low-fat milk."

Crews called on DHI associations to get the necessary information for the protein-pricing program together through production records. "We need statistics to prove that what we always thought is not necessarily true — that fat and protein are not always transmitted by a bull to offspring."

"We need to revamp milk pricing. It's the only way to keep the industry viable," cautioned Crews. "If overproduction continues, the government will surely pull out of the subsidy program."

After hearing this timely call for marketing improvement, members of the Dauphin County Dairy Herd Improvement Association were honored for milk and fat production records for 1981. The top award went to the Holstein herd owned by Robert J. Schaffer, Elizabethville, whose 63-cow record was 17,939 pounds milk with 674 pounds fat.

The second-high record was turned in by the herd of Holsteins at Catalpa Farms, Middletown. Two-thirds of the 111 black and whites owned by brothers Dale and Ray Kennedy are registered. With their grade stablemates, these fine ladies made a record of 17,185 pounds with 650 pounds fat.

Both brothers are graduates of Lower Dauphin High School, Hummelstown, and began farming in partnership in 1976. Their operation boasts a new freestall barn and a double-8 herringbone milking parlor. The cattle are split into two production groups and are fed a total mix ration, including corn silage, hay, high moisture corn, and a 38-percent protein supplement.

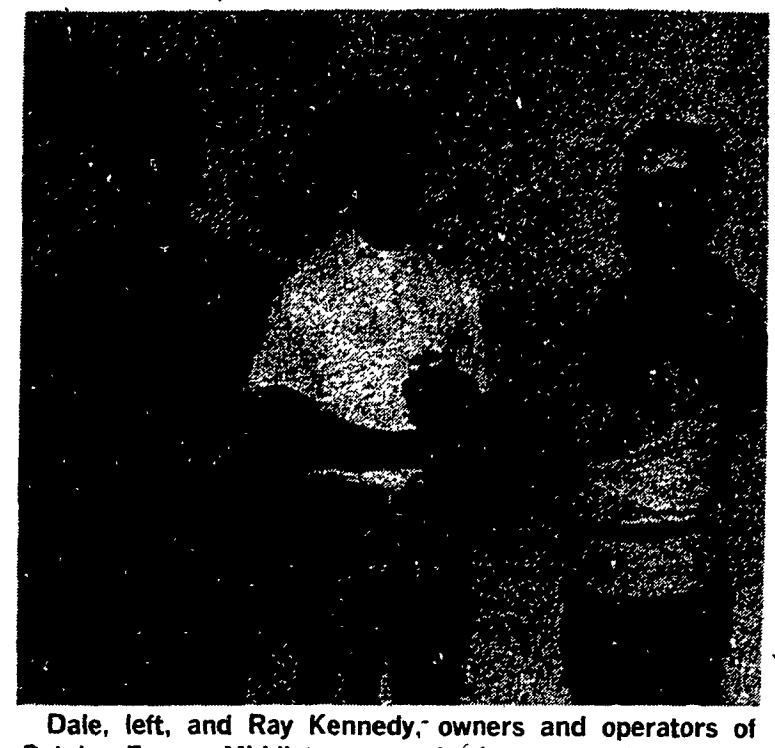
Other Dauphin County producers whose herds turned in records over the 600-pound mark included: Earl Campbell, Lykens, 16,250 pounds milk and 645 pounds fat; John Hertzler, Elizabethtown, 17,098 milk and 644 fat; Larry L. Boyer, Millersburg, 17,330 milk and 638 fat; Robert H. Beach, Jr. Halifax, 16,820 milk and 637 fat; Restful Acres, Hershey, 16,991 milk and 637 fat; Calvin B. Mauser, Elizabethville, 13,617 milk and 624 fat; Roy M. Brubaker, Elizabethtown, 18,015 milk and 621 fat; J. Melvin Brandt, Hershey, 16,102 milk and 617 fat; Paul L. Crissinger, Gratz, 16,202 milk and 616 fat; Donald Engle, Elizabethville, 15,864 milk and 615 fat; J. Richard Alwine, Middletown, 15,716 milk and 605 fat; Wil-lene Farms, Elizabethtown, 16,943 milk and 601 fat; Lytle Farms, Inc., Middletown, 16,322 milk and 601 fat.

After 53 years of DHI records, mountain-segmented Dauphin County has seen its average dairy cow population grow from 399 cows in 1929 to its present day average of 3,006 cows. Production records, too, have increased in that half century, going from an average of 9,339 pounds of milk in 1929 to 14,674 pounds in 1981. Fat also increased from an average of 315 pounds to today's 565 pounds.

In an election of directors to serve a three-year term, Dauphin DHIA members reelected Paul Crissinger and Jay Brandt, and elected Earl Campbell and Dale Faust..

Unlike several of its neighbors, Dauphin County DHIA is an association "that's running in the black", reported Treasurer Julia Clugston. Since it realized an over $1,500 increase over last year's balance, President Larry Boyer announced all members will receive a Christmas bonus this December — all the regular test costs will be reduced

This good news was a present to all the dairy producers — a great way to end a great year. To celebrate, everyone gorged themselves on a favorite dairy treat — a delicious banana split



Dale, left, and Ray Kennedy, owners and operators of Catalpa Farms, Middletown, received a rosette for making the second top DHI record in Dauphin County. Making the presentation was President Larry Boyer. Top herd awards went to Robert J. Schaffer, Elizabethville, not present.

"Don't ever say you don't understand marketing," said speaker Guy Crews. "Go learn it," during last Friday's Dauphin DHIA meeting.

After all the good and bad news on dairy marketing, the awards presentations, and the election of new directors, the Dauphin DHIA members dined on delicious banana splits, served up Virginia Graybill, left, and Tiz Williams.

October 1981

Forty five (45) herds with an average of five or more cows produced over 400 pounds of butterfat A complete list follows

OWNER	BREED	NO. COWS	LBS. MILK	LBS. FAT
Robert J Schaffer	H	63	17,939	674
Catalpa Farms	H	111	17,185	650
Earl Campbell	H	52	16,250	645
John Hertzler	H	68	17,098	644
Larry L Boyer	H	22	17,330	638
Robert H Beach Jr	H	45	16,820	637
Restful Acres	H	73	16,991	637
Calvin B Mauser	G	70	13,617	624
Roy M Brubaker	H	58	18,015	621

(Turn to Page A46)

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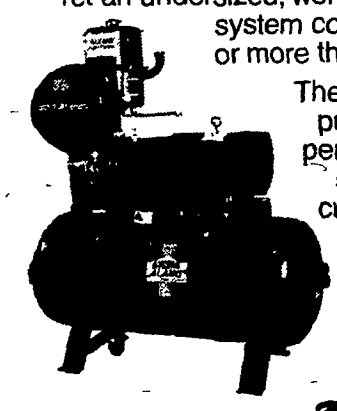

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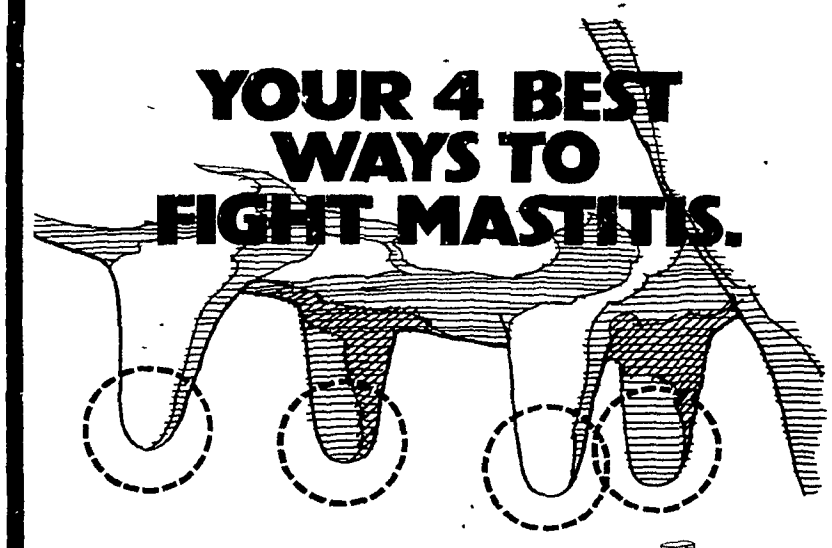

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Browncroft farm records top state average...

and has 'sweet' time doing it

BY DONNA TOMELLEO

ROME — When Bill and Janet Brown began dairying 24 years ago with 23 grade Holsteins and one bull, their goal, they explain, was to just be able to compete with other Bradford County dairies.

Today, they are not only the front runners in the county, but their averages of 903 pounds of fat and 23,437 pounds of milk were good enough to catapult them and their milking herd of 29 registered Holsteins to the top of the state list.

Yes, a wall is in there somewhere. But years of high herd averages have left the Browns with less wall space and more ribbons. Also, many of the ribbons are from Curt's showing years.

"I never dreamed we'd get this high," Bill reported "Everything went smooth this year. The cows just milked." And milked and milked.

The Browns have good reason to claim top state herd. In fact, they have three good reasons and they are all Hillhaven Standout Job daughters that boast of records of more than 30,000 pounds of milk and more than 1,100 pounds of fat.

Out of the remarkable trio, all born in the same year, the Browns consider 8-year-old Browncroft Standout Pamela as the herd backbone.

Pamela, out of an Excellent Osborndale Ivanhoe, carries an impressive lactation record of 32,454 pounds of milk and 1,279 pounds of fat. Once criticised by a show judge who said Pamela would never milk much, she has averaged a little more than 100 pounds of milk a day for 22 test months.

And the big Black and White's top production is equalled by her top reproduction as well. She currently has three sons at Sire Power Another son Jetson, sired by Jet Stream, just completed the sampling sire program and turned in an outstanding PDM of +2600. Unfortunately, the popular young sire had to be destroyed recently as a result of a back injury.

According to Bill, only about 300 units of Jetson remain and some semen will be auctioned at the upcoming Ag Arena Sale in Harrisburg.

Although merchandising is not the primary thrust of the Browns' operation, Browncroft cows and heifers can be found as far west as California and north as North Dakota.

Janet, Bill and Curt (at halter) flank Browncroft Standout Pamela. The Bradford County family turned in the top state herd average with more than 900 pounds in fat and 23,437 pounds of milk on 29 cows.

Home for the Browns — Bill, Janet and son Curtis, 22 — is 178-acres in northern Bradford County. All three family members

(Turn to Page A37)

Bradford County with its rolling ranges of mountains is located in northeastern Pennsylvania and borders New York State. The county ranks second in the state for its dairy industry. It boasts of about 300 herds or roughly 20,000 cows on test. This year Bradford county can boast of two top state producers. Watch next week's Lancaster Farming for another Bradford County dairy family that ranks first in the state for their herd.

Browncroft Farm

(Continued from Page A36)

work full-time on the high producing dairy.

"It's real togetherness," Janet said of the work force. She and Bill share all the bookkeeping, registration, health and breeding records. Curtis does the milking, although Janet, Browncroft's top calf-raiser, is currently the milker while her son attends a welding school. Bill, also milks, tends the field work and feeds the herd.

The Browncroft Holsteins are individually hand fed in their tie-stalls. A daily fall or winter feeding includes 28 pounds of an alfalfa-grass mixed hay, 30 pounds of corn silage top dressed with a 16 percent protein feed of oats, corn and soybean.

In the summer, pasture supplies the only forage in the diet. Brown grazes his herd on 40 acres of birdsfoot trefoil and native grasses. In fact, the cows don't see a bale of hay until fall.

"I'd rather the cows picked their own forage," explained Bill.

Who ever coined the phrase, "quality not quantity," must have peeked into the Browns' barn. The entire operation, from the oldest producer down to the youngest replacement, is housed under one roof. The Browns have no plans for expansion and Bill explained if he had it all to do over, he'd still stick with the small herd.

While thousands of farmers spend weeks in the tractor seat during hay and corn harvests, the Browns spend about a week to make 5,000 bales of hay. Silo-filling generally takes about two days.

Even the herd pitches in to give the three farmers a little time to themselves. Bill strives for fall calving. Consequently, July and August are very dry months around Browncroft Farm and milking takes as little time as 15 minutes. At one point the Browns had all but four cows dry during the late summer.

"We enjoy the schedule. On a hot summer day you'll probably find us sitting in the shade waving to everybody that goes by while they work," Janet teased.

Janet, who also hails from a dairy farm, is the chief calf-raiser. Despite the fact the calves are housed with the older animals, defying many recommendations set by extension specialists and veterinarians, Janet hasn't lost a calf that she's started in more than 20 years.

The Browns report very few calving problems, even among first-calf heifers which are all bred artificially. The calving interval is steady at 12.5 months and the average Browncroft heifer freshens at 23 months of age

When weather permits, the Browns like to see their animals freshen in the pasture. Frozen colustrum is available if the dam is unable to nurse the calf. The newborn usually remains with the cow for a day and is then moved to small individual tie-stalls where it will spend the next two months.

"My calves learn to drink from a pail as soon as they can," Janet said. Right from the start, the young replacements have hay, grain and water in front of them all the time. They are weaned off when grain consumption is about four pounds a day. A visitor can look high and low and still not come up with a bag of calf starter. The reason is that all of the Browns' calves are started on the same feed consumed by the rest of the herd.

"I've tried both starter and cow grain," Bill said, "and the only difference is that starter is more expensive."

Meanwhile, across the last 24 years the Browncroft calves have descended into the number one herd in the state. In December 1980, average daily production was more than 90 pounds of milk. And on the most recent herd summary, more than 30 percent of the herd was recorded at 100 pounds of milk daily or better.

But the high producers are not the sole contributors to the farm's income. In 1974, Curtis became interested in making maple syrup. At that time, the 15-year-old started with an old pan and other primitive evaporating equipment.

Seven years and $10,000 later, the Browns operate a family maple syrup enterprise. The sugar maple forest that lines pasture and field provides the trees for the 1,200 taps which extract the nutrient-rich sap.

Peak maple syrup season starts in February and lasts until about

(Turn to Page A46)

Browncroft Standout Pamela, shown here as a 3-year-old, has been one of the premier animals in the Browns' herd. The 8-year-old just finished with 32,454 pounds of milk and 1,279 pounds of fat.—Photo courtesy of Browncroft Farm.

These old bulk tanks have been converted into storage bins for the maple sap that runs from February to April. The Browns collect the sap, boil off the water and bottle delicious maple syrup. Last year the operation produced about 500 gallons.

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Cumberland Valley Cooperative receives state service award

BY BETH HEMMINGER
Staff Correspondent

NEWBERG — This year's PAFC's Outstanding Cooperative Service Award was presented to Cumberland Valley Cooperative Association at their annual dinner meeting last week. Cumberland Valley is the second cooperative in the state to receive this award.

Hal Doran, program director of the Pennsylvania Association of Farmer Cooperatives presented the outstanding award to Merrill Bivens, chairman of the Board of Directors of the Cumberland Valley Cooperative.

Addressing the members, employees and directors of the cooperative, Doran said, "Cumberland Valley Co-op stands out among other cooperative because you, Cumberland Valley, are leaders in the agricultural industry. Through the years you have shown a progressive and aggressive attitude in agriculture by developing innovative ideas that have proven benefical to the farmer."

He added that CVC has served the South Central Pennsylvania area for over 50 years. During those 50 years the cooperative has looked beyond their own organization to assist other farm related businesses deal, with problems that they (Cumberland Valley Cooperative) had already overcome.

"You, the Board of Directors at Cumberland Valley are a special group of men," said Doran. "You have made every employee a part of the team, enabling them to make the contributions to the agricultural community. And you have proudly given credit where credit is due."

Doran stated that since their organization in 1929, Cumberland Valley Cooperative has been actively involved with youth organizations in the state such as FFA, 4-H and most recent the Pennsylvania Association of Farmer Cooperatives Youth Institute.

As Doran presented the engraved plaque to Chairman Bivens, remarked, "I hope this plaque will be a pleasant reminder of how we, the State Association, feel about the your cooperative."

Vice President Wayne Baker reported on the 1981 outlook of grain production in the county.

This year, Baker remarked, the county has been blessed with good crops. The oats crops was the best ever in the valley. Wheat and barley did well and the corn crop, still being harvested, may be the largest corn crop since 1929.

With this in mind, stated the Vice President, the local farmers won't have to purchase grain shipped in but will have the advantage of feed near-at-hand. He added this will help lower the cost-of-production of milk, meat and eggs.

Baker also encouraged employees and patrons to urge friends, neighbors and fellow farmers to take advantage of the State Forage Test provided by the Cooperative and Penn State. He stated that in the case of ruminating animals such as dairy, beef, etc., the Penn State forage test provides the best formulations.

"Here at CVC we help our customers take the soil and forage test samples and send them to the laboratories. Our fieldmen assist the farmer in interpreting the results and make arrangements for products to be delivered," he stated.

Baker said he feels it is a service that every farmer should take advantage of.

Safe Drivers Awards were presented to the truck drivers who have not had any accidents while on the job.

The drivers with one year of accident-free driving were: Richard Carbough, Lester Hair, Addison Kreamer, and Erick Martin. Two years of safe driving: Nelson Christman, Ezra Brubacher, Michael Grohosky and Michael Matter. Three years of safe driving: Harold Hair and Lloyd Leinaweaver.

Robert Jenkins has been driving safely for six years. Eight years of safe driving: Glenn Hage and Raymond Wenger; Ten years, George Chestnut and William Derr with 12-years of safe driving.

Hal Doran, program director of Pennsylvania Association of Farmer Cooperatives presents the Outstanding Cooperative Service Award to Merrill Bivens, chairman of the Board of Directors at the Cumberland Valley Cooperative. CVC is the second cooperative in the state to receive this award from PAFC.

PGC warns against destructive shooting

HARRISBURG — Each year public utilities incur heavy damage to overhead cable systems and the general public endures numerous hardships as a result of hunters indiscriminately shooting at insulators, poles, transformers, etc. In addition, traffic signs, warning posters and even billboards became targets for irresponsible shooters.

The Game Commission warns shooters that it is unlawful to damage real or personal property, and hunters face fines and possible loss of hunting privileges for damaging any property. Where lines or cables which are involved are used for civil defense or military functions, the FBI has investigative jurisdiction over willful injury to or interference with the communication system.

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Championships go to brother-sister duo at American Royal Hereford Steer Show

KANSAS CITY, Mo. — A brother-sister duo from Mullen, Neb., took top honors at the 1981 American Royal special Hereford steer show. The grand champion steer was shown by John Tucker and the reserve grand champion entry was shown by his sister, Julie Tucker.

The American Royal Hereford Steer Show was another successful activity during the American Royal in Kansas City. This is the fourth year for the $8,000 special steer show sponsored by the American Polled Hereford Association, the American Hereford Association and the American Royal Livestock Show. In the competition, 34 entries represented nine states.

To be eligible for competition, the steers must be sired by bulls recorded in the APHA or AHA and their birth dates must be recorded. Forty percent of the final placing is derived from the live placing and 60 percent from the carcass qualities of the steers. The live placings were made by Dr. Bob Kropp, Oklahoma State University, Stillwater. Carcasses were evaluated under the proposed new grading standards, with 76 percent grading Choice.

John's overall champion steer was sired by Botkins Vic 647 589 and out of a registered cow in the Reich's Polled Hereford herd at Paradise, Kan. He was one of the youngest steers in the show at 416 days of age, yielding a carcass weight of 668 lb., a carcass WDA of 1.60 lb., and an impressive $1.88 in carcass value per day of age. He stood second in class with a live WDA of 2.78 lb. and combined all the highly important economic traits to post the highest ratio in the show.

John was awarded $3,000 by United Missouri Bank, Kansas City, Mo., and shared in $1,500 "on hoof" premiums and $2,000 in carcass premiums given by the sponsoring organizations.

The reserve grand champion steer from Julie Tucker was also sired by Botkins Vic 647 589, bred by Reich's and out of a registered dam. He earlier had stood third in his class with a WDA of 2.65 lb. He was 415 days of age, had a carcass weight of 635 lb., a carcass WDA of 1.53 lb., and a $1.87 retail value per day of age. The special carcass premium of $2,000 was given by Andy Klein Pontiac, Overland Park, Kan., and Southgate Bank, Prairie Village, Kan. Julie also collected an extra five dollars per hundred weight, given by Lewis Double EE Ranch, Athol, S.D., which extended this offer to all carcasses qualifying for the final rank with a yield grade of 2 or better.

In addition to the special premiums, the two breed associations awarded $200 and $125 to the exhibitors of the grand and reserve grand champions, respectively, with the breeders of the steers receiving $100 and $75, respectively. All steers had to grade Choice under the grading system to place in the final index.

Placing third on the final index was David Getz, Lee, Ill. His entry, bred by Bickelhaupt Herefords, Mt. Carrol, Ill., was sired by BB Mark Domino 726. This steer posted a carcass WDA of 1.45 lb. with his 681-pound carcass, giving him a $1.76 carcass value per day of age.

Ronald Pflum, Connersville, Ind., exhibited the fourth-place entry. This entry was sired by SR Big Arthur M192, bred by Upstream Ranch, Taylor, Neb., and was out of a commercial cow. His carcass weighed 730 lb., yielding a carcass WDA of 1.37 with a retail value of $1.70 per day of age.

Officials of the sponsoring Kansas City-based breed associations pointed out that steers qualifying for the final index were young, efficient, and high yielding, reflecting the needs of today's market. These steers yielded an average carcass WDA of 1.30 lb., and based on the current market prices, the average carcass value per day of age was $1.57.

Praised by industry leaders, youth agents and registered and commercial breeders as a vehicle to reflect current, realistic industry demand for fed cattle, the Hereford steer show educates and rewards youth for producing steers that are profitable by today's standards.

Pheasants benefit from new Gameland farm management

LEESPORT — Increases in the ringneck pheasant population is the goal of Pennsylvania Game Commission recent decision to improve upland habitat on State Game Lands 280 at Blue Marsh, reports Duane E. Pysher, district conservationist of the U.S. Soil Conservation Service in Berks County.

The Soil Conservation Service is currently cooperating with the Pennsylvania Game Commission to revise the conservation plans at Blue Marsh to reflect these changes in the management scheme. There will be a reduction in the intensity of farming operations as well as increasing the amount of nesting cover. Winter areas also are of prime concern and plans are being made to increase food and cover areas.

A delayed hay cutting season will increase the nesting habitat along with the fact that birds will not be disturbed. Many areas will not be moved, as they had been previously, to provide more nesting cover.

Field borders of barberry, honeysuckle and other shrubs will be planted adjacent to cropland strips to provide more cover and winter food. Cropland rotations which will benefit wildlife as well as being practical for good agricultural production will be used.

This cooperative effort of the Pennsylvania Game Commission, the Soil Conservation Service and farmers should increase pheasant population on the Blue Marsh project area. "If it works here it will be followed on other lands owned by the Game Commission" concludes Pysher.

Pa. egg production up

HARRISBURG — October 1981 egg production in Pennsylvania totaled 367 million, according to the Pennsylvania Crop Reporting Service. The October production was two percent above the 361 million eggs produced in October 1980. The October average of 16.7 million layers was one percent above a year ago. Egg production per 100 layers was 2,202 compared with 2,196 in October 1980.

The nation's laying flocks produced 5.84 billion eggs during October, two percent less than the 5.95 billion produced a year ago. The number of layers on November 1, 1981, totaled 287 million, compared with 293 million a year earlier. Egg production per 100 layers during the month was 2,047, compared with 2,036 a year ago.

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NAILE closes out '81 show season

PA dairy exhibitors record top NAILE victories

LOUISVILLE, Ky. — Pennsylvania dairy exhibitors turned in a fine record, taking home blue ribbons and one Champion rosette during the recent North American International Livestock Exposition in Louisville.

In the Guernsey division, the grand champion, junior champion and reserve junior champion were all bred in Dauphin County.

The Guernsey grand champion, Keystone Big T Jennifer, was owned and exhibited by John and Bonny Ayars of Mechanicsburg, Ohio. The Ayars top 3-year-old was bred by Wilmer Campbell of Halifax.

Terlin Farms of Elizabethville captured the Junior Champion title with their senior yearling entry, Terlin Top Hornet.

A junior yearling heifer, owned by Jeff Costello, Scottsville, Ky., was tapped reserve junior champion. Costello's Guernsey, A Grand View T.D. Bambi, was bred by Marvin Miller, Middletown.

Guernsey junior, Alissa Fava of Co-Hill Farms, Scenery Hill, competed in the large junior show and placed third with her senior heifer calf, Co-Hill Farms B.T. Nutmeg.

Milestone Stardom Beauty Sue, the top selling female at the All American Jersey Sale, set an all-time record for females. The Sue cow sold for $31,000 to Earl Waltemyer, Collegeville. The record-breaking female was consigned by Jana Kay Dewitt, Brashear, Texas.

American Breeder Service, DeForest, Wi., purchased the top-selling Jersey male, Top Saint, for $32,000. The 16-month-old Favorite Saint son was consigned by C.L. Collins, Jr., and J.J. Mainati, Sylacauga, Al.

Several Jersey juniors competed for ribbons in classes with more than 40 enteries. Mansfield junior Stephanie Kocher and her entry, B Sleeper Royal Mary of SSF, walked off with a blue ribbon in the junior yearling class.

The grand champion Jersey, Empire Crusader Heidi hailed from Alabama. The 6-year-old champion is owned by Bama Jersey, Arab, Al.

Crawford County Dairy Princess, Cinda Oakes exibited her Holsteins to a first and second place. The Cochranton exhibitor took a blue ribbon in the open and junior show for her intermediate calf, Vel-Rus Elevation Boots Lover. Oakes' junior calf, Vel-Rus Marvex Penstate Maria, placed second in the junior show.

A Michigan Holstein walked off with Grand Champion honors. Lonsfarm Matt K Katherine, a 3-year-old, was owned and exhibited by London's Farm Dairy, North Street.

A year-old Brown Swiss captured the Grand Champion banner in the Swiss open show. Alpine Hills Missy is owned by Alpine Hills Swiss Farm, Corinth, Kentucky.

Ohio exhibitors, Nelson E. Lange & Son of Kirkersville, collected the Grand Champion banner with their 6-year-old Ayrshire, Scotch Haven Lita Maretta.

The North American also featured several breed sales. The All-American Jersey sale topped all sale averages, merchandising 48 head for $6,410. The sale grossed $307,700.

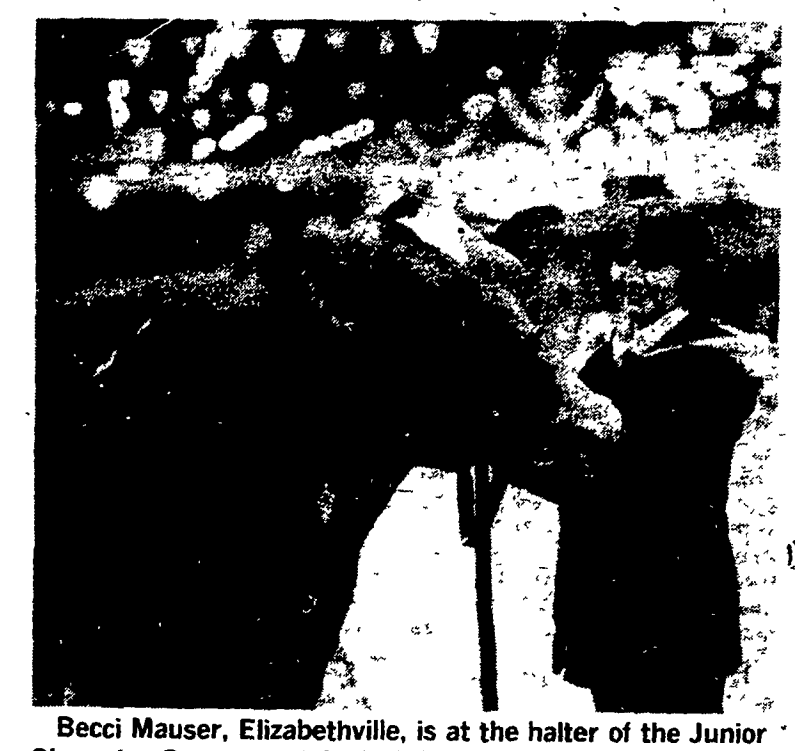
Earl Waltemyer of Wallebe Farm, Collegeville purchased the top-selling female for $31,000. Milestone Stardom Beauty Sue was consigned by Jana Kay DeWitt, Brashear, Texas.

American Breeder Service of DeForest, Wi., paid $32,000 for the high-selling male, Top Saint. The top bull was consigned by C.L. Collins, Jr. and J.J. Mainati, Sylacauga, Alabama.

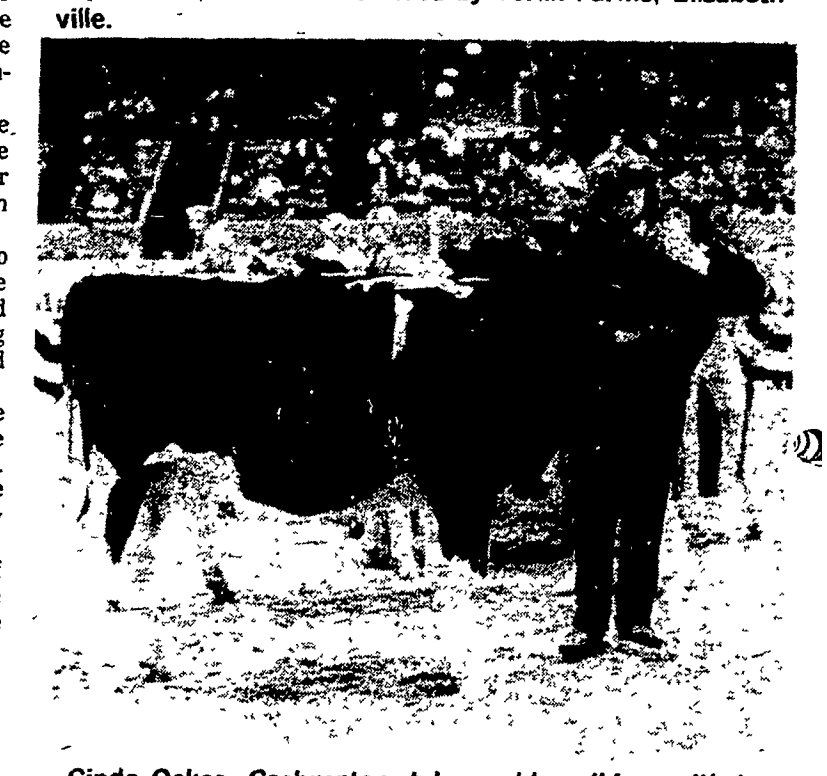
Heather and Crystal Acomb of Stafford, N.Y. purchased the top-selling Jersey in the Pot O' Gold Sale for $5,000. The sale grossed $40,850 and averaged $2,918 for 14 females. The Acombs' purchase, Ogston Magics N.P. was consigned by John Bishop, Columbus, N.J.

Pennsylvania breeders Robert and Helene Dreisbach, Hamburg, consigned Wilderness Fascinating Flounce, which sold for $2,100 to Bruce Rhein, Pine Grove.

Carol Anne Dreisbach, Hamburg, paid $1,850 for Pine Bluff M Jeweler Mistress, consigned by Bradford County breeder, Roy H. Watson.



Becci Mauser, Elizabethville, is at the halter of the Junior Champion Guernsey of the NAILE. The senior yearling, Terlin Top Hornet, is owned and bred by Terlin Farms, Elizabethville.



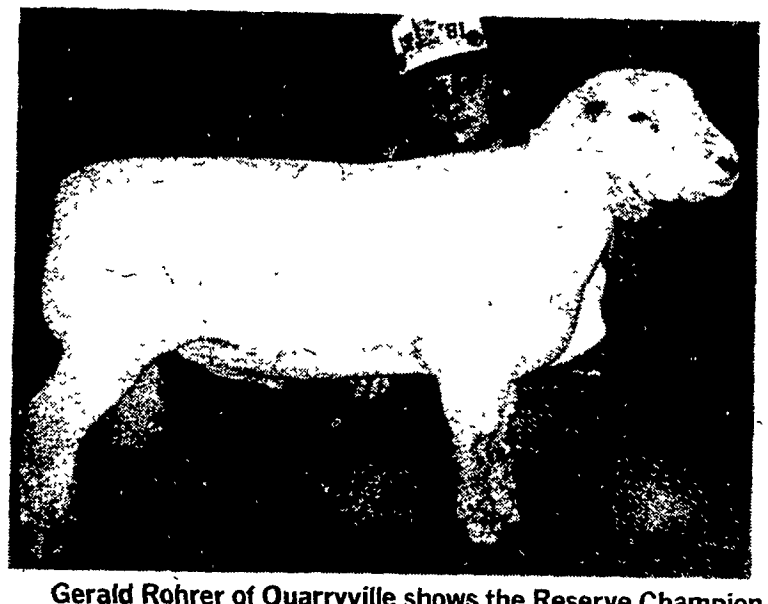
Cinda Oakes, Cochranton, takes a blue ribbon with her intermediate calf, Vel-Rus Elevation Boots Lover. — Photos supplied by Lori Sollenberger, Ralaine Jerseys, Everett.

Patricia Dreisbach, Hamburg, purchased Brave Full Moon for $3,100. The Brave Soldier daughter was consigned by H.G. Wilde, High Lawn Farm, Lenox, Ma.

The National Fall Guernsey Sale grossed $49,450 and averaged $1,766 for the 28 females. Sawaga Choice Penny brought the high bid of $6,100 from Mr. and Mrs. Ernest Berausek, Yukon, Ok. The top-selling Guernsey was consigned by S.W. Gramling, Bowman, S.C.

The all-female Kentucky North American Bluegrass Holstein Classic grossed $130,400 and averaged $2,415 for the 54 head sold. Hobbs Haven Farm, Murray, Ky. paid $7,200 for top-seller Hobbshaven Glendell Milly. The Milly cow was consigned by Milly Syndicate of Smith Grove, Ky.

Keystone shepherds win big at Louisville's NAILE



Gerald Rohrer of Quarryville shows the Reserve Champion Ram at the National Junior Southdown Show.

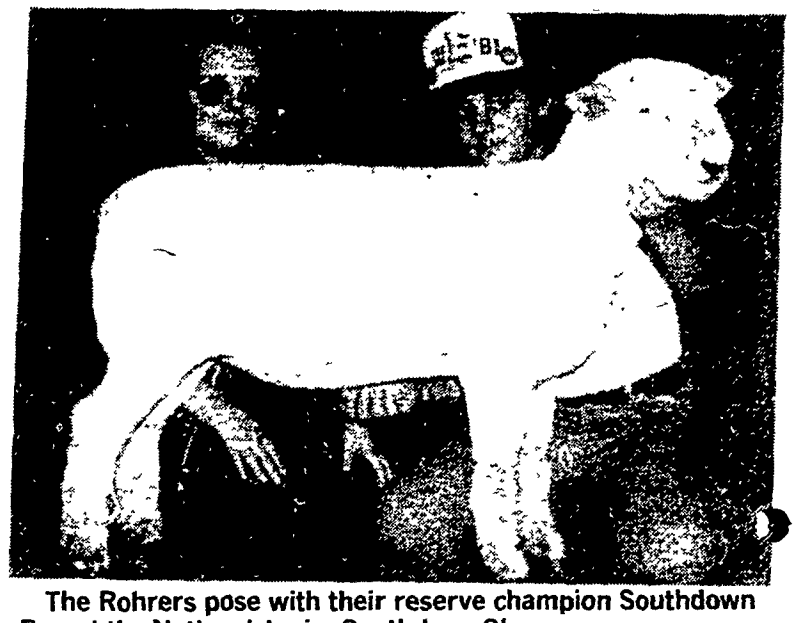
By Donna McConaughey

LOUISVILLE, Ky. — Area sheep exhibitors took home top prizes from the North American International Livestock Exposition, the largest all-breed livestock show in the world.

Junior exhibitors Gerald and Barbara Rohrer of Quarryville, Lancaster County, showed the reserve champion Southdown ram and reserve champion Southdown ewe of the National Junior Southdown Show. Rohrers' other six entries placed second or third in the Junior Show. Barbara placed second in the junior Southdown showmanship contest and Gerald placed fourth in the senior showmanship division.

The Rohrers continued their strong winnings in the National

(Turn to Page A43)



The Rohrers pose with their reserve champion Southdown Ewe at the National Junior Southdown Show.

Pa. beef cattle bring honors home from NAILE

By Donna McConaughey

LOUISVILLE, Ky. — Pennsylvania beef cattle left their mark at the North American International Livestock Exposition in Louisville, Kentucky.

Genetics Unlimited Inc. of West Grove brought home Grand and Junior Champion Female honors in the Angus show. In the Polled Hereford division, Falkland Farm of Schellsburg exhibited Champion and Reserve Champion Heifer Calves.

Two Western Pennsylvania Charolais firms made almost a clean sweep of the bull championships at the National Charolais Show held in conjunction with NAILE.

Royal Charolais Co. of Greensburg showed the National Grand Champion Bull, Hickory Lane Professor. "Professor" is co-owned by Royal Charolais Co., Dr. Roger Hunsley of Purdue University, Wat-Cha Charolais, Romanelli Charolais, and Shada Charolais all of Canada.

Royal is particularly proud that Professor was the National Reserve Champion last year and came back to take top honors this year. And, Royal Charolais' winnings did not stop there. The firm also exhibited the Calf Champion Bull, Reserve Senior Champion Bull, first place Junior Bull Calf, first place Pair of Bulls, and won second in most of the remaining group classes.

One factor in the consistency of Royal's winnings was HRC Expectation 269, the sire of every one of their entries. Expectation was the 1978 National Champion bull, most definitely a bull that is "breeding-on."

J.C. Enterprises of Ringgold, Jefferson County brought home the National Reserve Junior Champion Award with JC Kruger 035, a May yearling bull. This was not the first championship for Kruger. The 1,705-pound, 18-month-old bull also was Reserve Junior Champion at Timonium, Md. this year. Kruger was sired by Riverwood Gallant 2856, J.C. Enterprises' herd sire and the 1977 Reserve National Champion. The National Reserve Junior Champion has been sold privately to Hamilton Farms of Morehead, Kentucky.

Other winnings going to the Ringgold farm included: second place cow and calf with half interest in the cow selling for $20,000 in the National Sale, and third place to a spring heifer calf - the youngest in her class.

Although J.C. Enterprises is a name that may not be as well known as Royal Charolais Co., high quality cattle can also be found at the Ringgold farm with its row of silos that have become a trademark in "this neck of the woods."

Although farm manager, Les Haller, has only been at J.C. Enterprises for a few months, he certainly knows this 3,000-acre farm and its rolling hills. Les tells how he felt when first approached about taking care of this expensive cow-calf operation.

When told that the majority of the acreage was reclaimed strip mines, he admits he was less than enthusiastic. However, the sight is not huge waste piles and only Christmas trees as many imagine, instead it is pastureland ideal for beef cattle and complete with ready-made ponds.

Along with the herd of nearly 75 registered Charolais cows, J.C. Enterprises also maintains a commercial herd of 78 Charolais crossbred cows and a self-contained feedlot. The commercial herd allows them to try herd sires before using the bulls on the purebred herd, and then to feed the calves out to market weight in the feedlot.

They sell many top club calves in addition to marketing finished steers to a local packer who pays premium prices because he is assured of high quality beef. Les also mentions that any cattle not of high enough quality to stay in the purebred herd are put into the feedlot.

J.C. Enterprises' cattle are fed a high moisture corn and silage mixture along with free choice hay in round bales, all of which is raised on the farm. The silos are set up to make it possible to load silage and corn on the feed truck at the same time. This is fed in concrete bunk feeders in the fields, and a circuit with the feed truck to the five different farms can be completed in about two hours. The only part of the feeding program coming from off the farm is vitamin and minerals added to the feed and specially ground feed for the show cattle.

The beef cattle are only a small part of J.C. Enterprises which is owned by Jim and Carl Doverspike. Cattle were started as a sideline to utilize the land they owned after it had been "stripped" for coal. Presently J.C. Enterprises is involved in drilling for natural gas, owns a small house-building crew, and Carl Doverspike is the president of Keystone National Bank. Although beginning as a sideline, it is evident that J.C. Enterprises considers the Charolais business to be important by the investment made in cattle and hiring top management.

In visiting with the men who work on the farm, there is a feeling that this is a unique situation. As Les says, "There is no boss here. We all work back and forth."

"We" he explains is himself and Randy Blose, who work mainly with the cattle, and Paul Doverspike and Bob Sailor, "the crops men." Paul is an uncle of the "Doverspike boys" who own J.C. Enterprises.

"I'll put Paul's more than 200-bushel-to-the-acre corn grown on some of this reclaimed land up against that grown in Lancaster County any day," boasts Les. "Paul is just a top crops man." Les estimates that their 300 acres of corn averaged 150 bushels per acre this year. Not bad for old strip mines!

Bob Sailor has a special job in addition to the regular crops. He is responsible for the apple orchard which is another sideline.

Les is quick to point out that no one is afraid of doing more than his share of the work. If Randy and Les need a hand with the cattle, Paul and Bob come to help. Les says that is one of the advantages, "I also have a chance to get in a tractor seat a couple of times a week, and I like that."

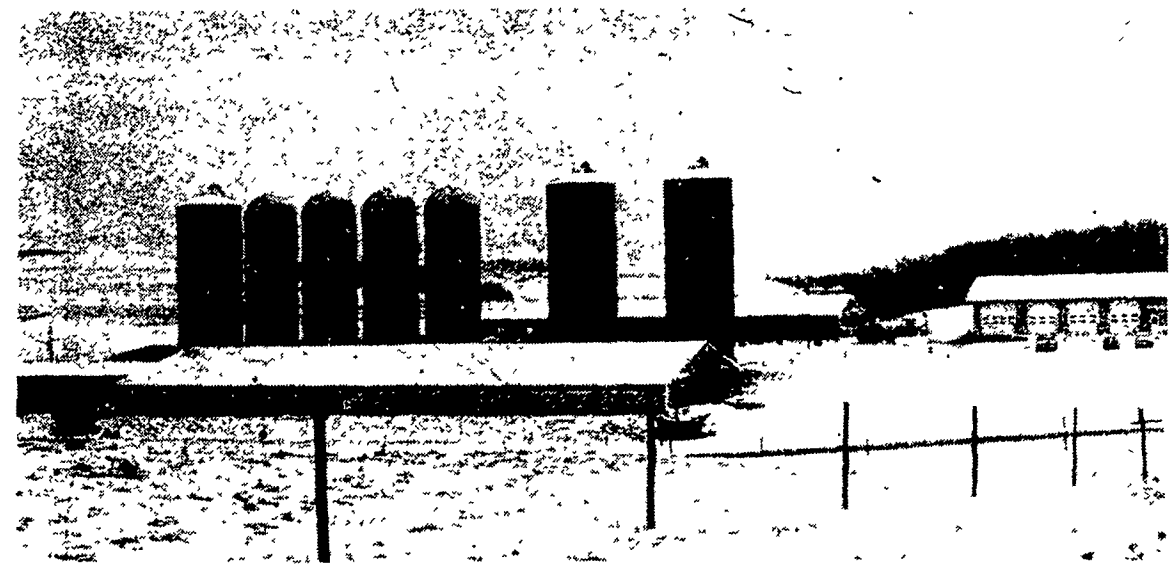
But how do they coordinate all of this? Over coffee, of course. After chores are done they try to get together and line up the tasks for the day or week.

In talking with Les about future plans for J.C. Enterprises it is easy to see he has his thoughts in line and doesn't hesitate to start in on a list. Les says he plans to be doing a lot of artificial insemination breeding on the present purebred herd which includes several "495" daughters, offspring of the Reserve National Champion Bull in 1974. He plans to use Gallant semen in the program. Plans also include beginning embryo transplants on four or five of the best cows, and traveling this winter to look for a few foundation cows and possibly a new herd sire.

And competing in the showring will continue, but only at a few of the more important national shows. "It just isn't feasible to travel to a lot of shows anymore," says Les.

The future of the J.C. Enterprises Charolais herd looks bright, for both their show cattle, winners in Louisville, Kentucky and the home herd in Ringgold. J.C. Enterprises Charolais will be a name to watch for in the future.

Royal Charolais' Hickory Lane Professor was awarded the National Grand Champion Bull title during competition at the North American International Livestock Exposition held in Louisville, Ky.



This row of silos marks the spot for one of western Pa.'s fast-growing, award-winning Charolais farms — J.C. Enterprises, owners of the National Reserve Junior Champion bull, Kruger.

Back home again from Louisville, J.C.'s second-place cow and calf have the National Charolais Show behind them now. But, the show left it's mark on this fine female — one-half interest in her sold for $20,000 at the National Sale — quite a price tag.

The nucleus of the J.C. Charolais brood cow herd weather the first snow of the year on what was once scarred, strip-mined land and is now rolling pasture fields.

Champion lamb brings $7.50 a pound

LOUISVILLE, Ky. — NAILE grand Champion market lamb, owned by Mike Kieswetter of Piqua, OH, brought $7.50 per pound. The 129-pound lamb was bought jointly by Sheep Breeders and Sheepman Magazine, Columbia, MO and a group of sheep producers. They paid $967.50 for the champ. The buyers plant to donate the Suffolk-crossed lamb to a charity in Louisville.

The Reserve Grand Champion Market Lamb was then led to the sale ring by owner, Jennifer Brandt of Anna, OH. The final bid was made by Wheatley Cattle Company of Louisville. They paid $7.35 a pound for the lamb, bringing the total paid to $992.25.

The Brandts are familiar with the NAILE Sale of Champions. At the 1980 sale, Jennifer's twin sister, Julie, led her reserve champion market lamb to the sale ring and sold it for $3.30 per pound.

'Report cards' for harvested deer

HARRISBURG — Successful deer hunters are reminded that their deer kill report cards must be mailed to the Game Commission at Harrisburg within five days of the date of the harvesting of the whitetail.

Failure to file a deer kill report by the successful hunter is a violation of The Game Law. Those filing the report cards are instructed to furnish all of the information sought.

The report card is not part of the hunting license. However, the report card does have a number on it which matches the number on the hunting license.

Those who take deer and fail to report make up an unusually large segment of successful whitetail hunters. Less than two-thirds of the successful buck hunters report their kills, while about half of the successfull antlerless hunters file report cards.

The information is vital in determining whitetail population levels in each county.

In the past year the Game Commission contacted 4,460 hunters who harvested deer during the 1980 seasons but failed to file report cards. These hunters were offered the opportunity to make a $5 contribution to the Game Fund, or face prosecution. After the initial contact, 78 percent of these hunters made $5 contributions.

Those who failed to respond were visited by game protectors, and more $5 contributions were made. Prosecutions were initiated in some instances. Presently, only 215 of the original 4,460 cases have not yet been resolved.

Hunters are warned they face the possibility of prosecution if they harvest deer and fail or refuse to file deer kill report cards with the Game Commission.

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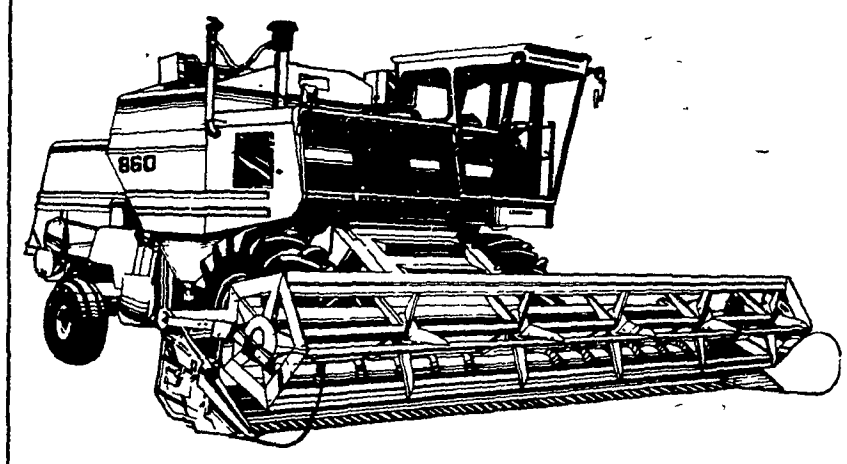

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First place Senior Ram Lamb was shown by W.G. Carpenter and Sons at the National Southdown Show.

Keystone shepherds

(Continued from Page A40)

Southdown Open Show placing fifth and sixth in several classes. They professed that they were particularly proud of these winnings, because they placed over several western breeders who have been well known in national Southdown show rings for a number of years.

Also prominent in the National Southdown Show was W.G. Carpenter and Son of Jefferson, Md. Their senior ram lamb won first place and senior ewe lamb took second. This family has been showing Southdowns for many years, selling many sheep which continue to breed champions such as some of those shown by the Rohrer family.

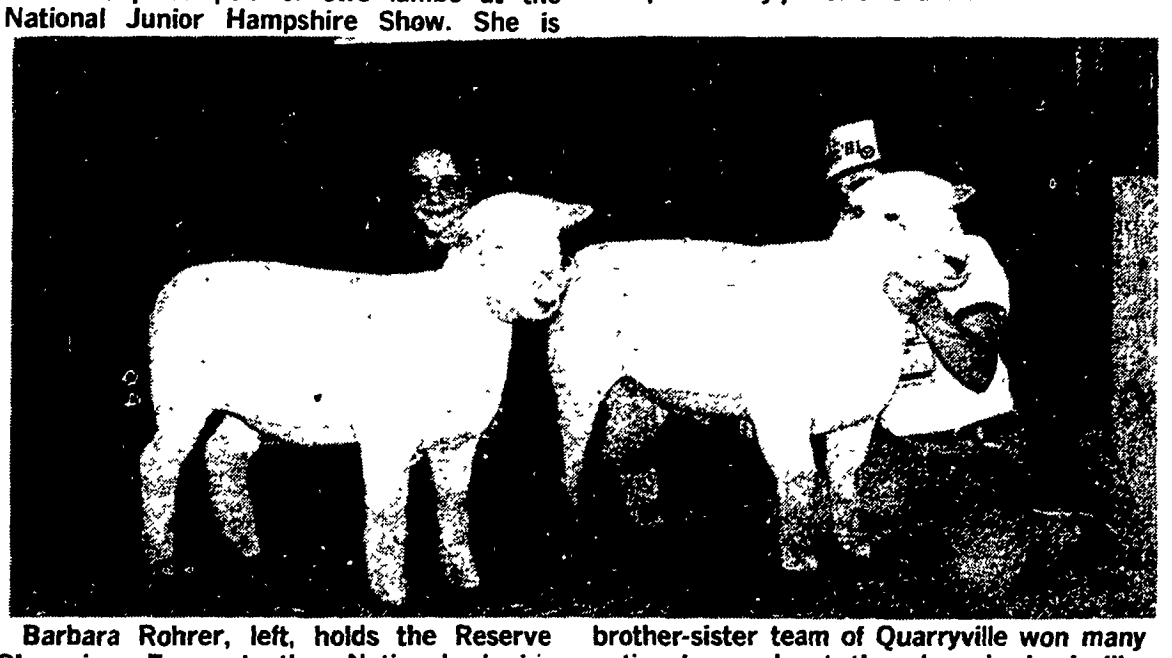
Even with over 3,400 entries filling the sheep barns, the Hope sisters of Knoxville, Md. left their mark on the National Junior Hampshire Show. The early spring ewe lamb owned by Mary Hope was first, and her pair of early ewe lambs also won top honors. Mary and Rebecca showed the third place state flock and gathered several other top winnings in the Junior Show.

Their strength held out in "the strongest national Hampshire show ever," according to Judge Buster Wilson of Virginia. The Hopes' winnings in the open show included sixth place pair of early ewe lambs and ninth place in a class of more than sixty entries. Although young, Rebecca and Mary Hope have proven that they have a flock of Hampshires that can stand up against some of the toughest competition in the nation.

One other Pa. exhibitor, Morrnistan Hamps of Elverson, continued the strong showing of this area in the Hampshire show. Morrnistan's junior ram lamb was fifth place in a class of 59 entries.

In the National Suffolk Junior Show, Troy Ness of Dallastown, York County, had the first place fall ram lamb and was fifth in the senior showmanship division. The National Suffolk Show at NAILE boasted more than 100 individual exhibitors and flocks from nineteen states.

Mary Hope, left, of Knoxville, MD exhibited the first place pair of ewe lambs at the National Junior Hampshire Show. She is assisted by Rebecca Hope, right, holding the first place early junior ewe lamb.



Barbara Rohrer, left, holds the Reserve Champion Ewe at the National Junior Southdown Show, and Gerald Rohrer, right, shows the Reserve Champion Ram. The brother-sister team of Quarryville won many national awards at the show in Louisville, Kentucky.

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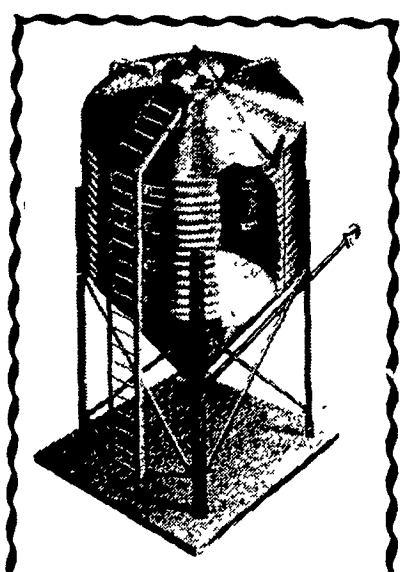

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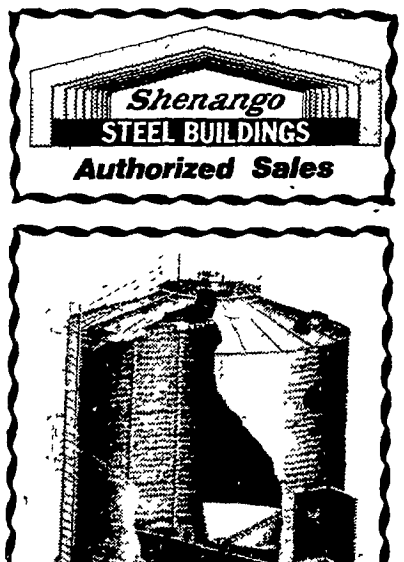

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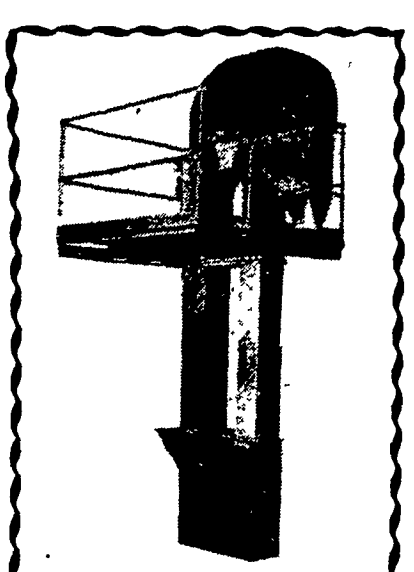

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Game Commission closes deer check stations

HARRISBURG — Deer check stations, used for many years by the Pennsylvania Game Commission to determine population levels of the state's deer herd, won't be in operation during the 1981 season.

In making the announcement, Dale Sheffer, chief of game management for the commission noted, "Although they were strategically located along major highways, the stations still failed to give us a satisfactory sampling from a broad geographical area. Today, our biologists need more significant and more accurate information from all sections of the commonwealth."

Sheffer noted that on the average, check stations processed about 5,000 antlered deer annually, but the sample lacked adequate base — in that animals harvested in many sections of the Commonwealth were never examined.

"The new system we're initiating for 1981 will give us a far better sample of the overall condition of the herd," Sheffer noted, "and at the same time it'll give the state's hunters an opportunity to take a more active role in the management program.

"Our deer check stations will be replaced by 27 highly trained teams assigned to specific sample areas all across the state. The data they gather from camps and venison processors will be augmented with information gathered from successful hunters. We're going to ask them to remove a lower jaw bone from their deer and mail it to us in Harrisburg for age determination."

Sheffer added, "The most important information used continuously in our deer management program concerns the sex and age of the animal and where it was harvested. This information is invaluable as we define populations and determine allowable harvests in the state's 66 county management units."

"We know that only a small percentage of successful hunters will take the time to cut out and mail a jaw bone," said Sheffer, "but, if only five percent participate, we'll still have a better sample than we've been getting at the check stations. The jaw bones we get from the hunters, coupled with the information the 27 field teams recover will provide a far more accurate picture of the entire deer herd."

Removing a lower jaw bone is fairly simple: The jaw bone can be cut in front and back of the teeth with a small saw, heavy knife, or hand axe. Or, the hunter may want to simply remove the whole jaw bone. In any event, gloves should be worn to protect the hands from being lacerated by the sharp teeth.

After removing excess flesh, the jaw bone should be allowed to air dry for several days before it's mailed to the Game Commission in a sturdy envelope. It's best to wrap the jaw in paper to prevent the sharp edges from puncturing the mailer. Do not wrap the jaw in wax paper, plastic, or aluminum foil.

A note should be included with the jaw bone listing the county in which the deer was harvested, the animal's sex and the date it was killed. It is not necessary to include the hunter's name, address, and hunting license number. Hunters should be very careful to list the correct sex of the deer since button bucks are sometimes listed as females — as are some males which have shed their antlers prematurely.

Sheffer noted that his biologists want to get a truly representative sample of deer killed in all sections of the state and hunters are urged to mail jaws from deer regardless of how large or small — trophy or average.

"In the past, we've allocated a lot of money to operate our 6 check stations," said Sheffer, "but we honestly think we'll get far more accurate information at greatly reduced cost using the new system. We've had some teams gathering data from processors and camps for several years. And even though their operations were limited — they still checked more deer than were handled at the roadside check stations.

"Pennsylvania deer hunters are among the finest in the nation, and we in the Game Commission are certain many will gain a great deal of satisfaction knowing that they're making a substantial contribution to the deer management program. Most deer hunters know that the only way we can accurately age a deer is by examining the teeth, and age information is essential in computing populations."

Sheffer concluded, "If the sex, age structure, and number of deer harvested per management unit (county) are known — we can accurately calculate per-hunt populations. We get relatively accurate harvest reports from the deer kill report cards. It only stands to reason, if we can get more accurate age data from jaw bones mailed by hunters — the overall accuracy of our calculations will be greatly enhanced."

Hunters sending deer jaws to Harrisburg should use a good sturdy envelope and write across the top "DEER JAW." The envelope should be addressed to Pennsylvania Game Commission, P.O. Box 1567, Harrisburg, Pennsylvania 17120.

Venison can spoil quickly

HARRISBURG — Hunters are urged by the Game Commission to take proper care of or have their deer processed as quickly as possible to prevent spoilage during warm weather. Skinning out the animal also helps reduce the chance of spoilage.

Some thought should be given to the spot where a deer is hung. In recent years, a number of deer hanging from camp poles were stolen or eaten by hungry bears.

Hunters should park with care

HARRISBURG — Hunters are urged by the Game Commission to be more thoughtful when driving and parking their vehicles during the upcoming deer seasons.

A driver who partially pulls off the road to watch game not only irritates, but also endangers, others.

Those who drive along a road slowly, looking for a good place to hunt, perhaps stopping the vehicle on the road, are a hazard. And one who gets stuck in the mud or snow, and just leaves the vehicle wherever it happens to be because it is "time" to go hunting, is most inconsiderate of others.

PGC warns against 'road hunting'

HARRISBURG — Pennsylvania deer hunters are warned that game protectors will prosecute those who hunt from vehicles, and will arrest those who have loaded firearms in their vehicles.

Cold weather and inclement conditions sometimes prompt some hunters to ride around in warm, dry vehicles, hunting deer. After spotting a whitetail, these hunters jump out of their vehicles and shoot. Some even fire from the cozy comfort of their vehicles.

The Game Commission warns that this kind of conduct won't be tolerated. Hunting should be recreational and sporting, and there isn't anything recreational or sporting about road hunting.

Road hunters violate The Game Law and create a bad image for those who are serious and ethical about their sport. Road hunters will be prosecuted.

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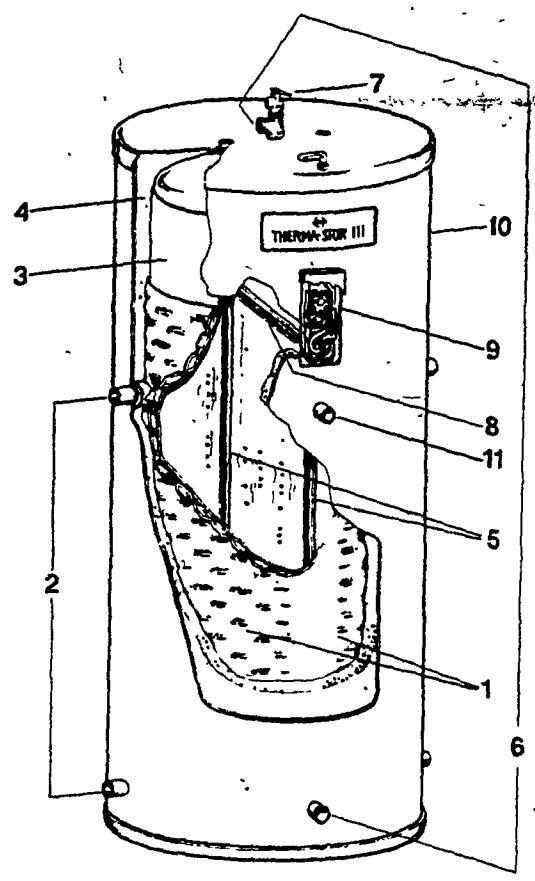

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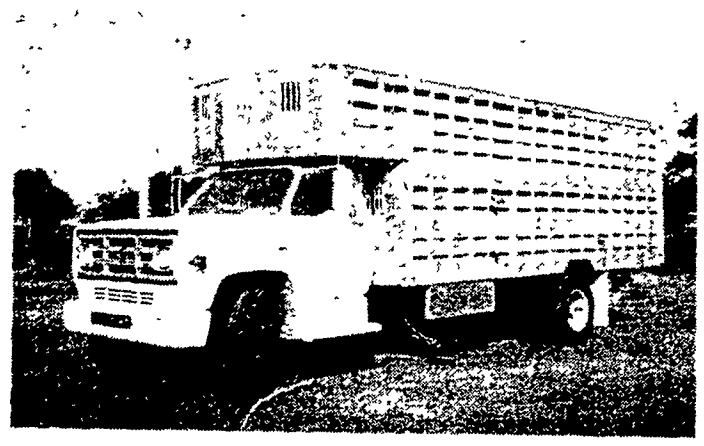

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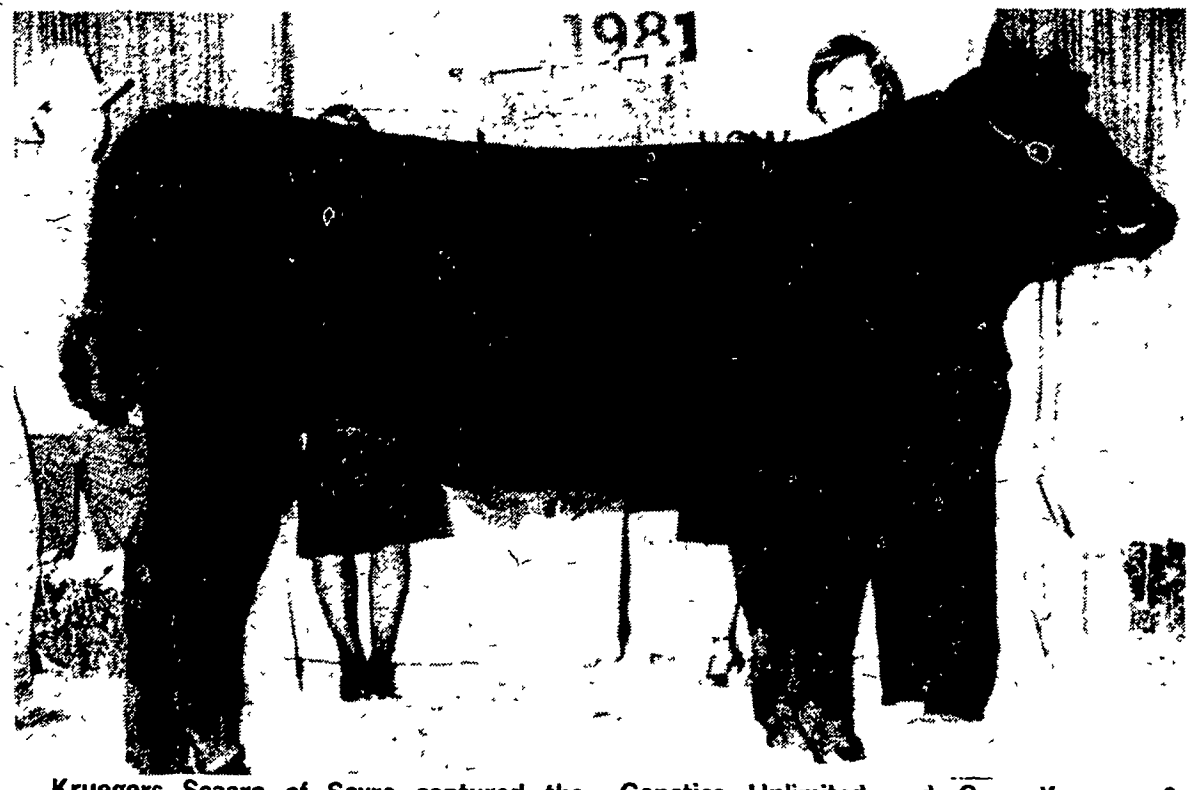

Kruegers Scaara of Sayre captured the junior and grand champion Angus female titles at the North American International Livestock Expo in Louisville, Kentucky. She's owned by Genetics Unlimited and Greg Krueger & Family, West Grove, Chester County. Photo by American Angus Association.

Chester Co. Angus tops NAILE

LOUISVILLE, Ky. A powerful Angus show highlighted the Eighth Annual North American International Livestock Exposition in Louisville, Kentucky, where judge Harvey Lemmon of Woodbury, Georgia, ranked 95 females and 59 bulls.

Kruegers Scaara of Sayre reigned as junior and grand champion female for Genetics Unlimited Inc. and Greg Krueger & Family, West Grove, Chester County. TC Ranch, Franklin, Nebraska, moved into reserve grand with senior calf champion TC Peg 0111.

Lemmon slapped junior champ SVF Power Pack grand champion bull for Sunny Valley Farm, Yorkville, Illinois. Reserve grand laurels went to Rosebank Connection 69, the senior titlist owned by Timber Valley Farms, Dawn, Missouri; Rally Farms, Millbrook, New York; and Rosebank Angus Farm, Germantown, New York.

PS Power Play progeny topped the get-of-sire contest for Summitcrest Farms of Summitville, Ohio, TC Ranch and Sunny Valley Farm. The winning junior get was sired by Ken Caryl Mr. Angus 8017 and exhibited by Premier Beef Cattle, Fowlerville, Michigan; Richard White, Ghent, New York; and Michigan State University, East Lansing, Michigan. R&J Ranch, Briggs, Texas, put together the first place Breeder Six Head.

Summitcrest Puritan collected the reserve senior bull title for Summitcrest Farms and Briarwood Associates of West Bend, Wisconsin. Reserve junior bull was MSU Legacy, shown by Michigan State University; Blugrass Angus Farm and Gene C. Triplett of Danville, Kentucky; and Fruhling Farms Inc., Penfield, Illinois.

Pine Drive Big Sky won the intermediate bull division for Premier Angus Inc. of Cloverdale, Indiana, and LeRoy Billman, Ostrander, Ohio. Reserve went to Supreme Advancer, led by Doug Davis, Big Island, Virginia.

In senior bull calf competition, Richard White and High Interest Breeders of Kentucky took first with Fleetwood High Interest, then Gunston West of Lampasas, Texas, claimed reserve with Gunston Tall Texan. Mr. Strike back 81 topped the junior calf line-ups for two Indiana breeders, Robert Zeedyk of New Carlisle and Jeff Lineback of Lakeville. R&J Ranch led R&J Austin 13 to the reserve junior calf spot.

Lady Diana of Fabius Creek stood as reserve junior female for Timber Valley Farms and UT Farms, Tuttle, Oklahoma. South Fork Ranch of Mocksville, North Carolina, led the intermediate placings with Briarhill Genie, and Laura Haas of Le Roy, Illinois, stood second with H.A. Miss Laura.

The reserve senior heifer calf rosette went to Accent Angus Farm, Oakland, Illinois, on Accent Miss Rosebud 60. Top junior heifer calf was Summitcrest Royal Lady N120, owned by Summitcrest Farms, and reserve was Fleetwood Blackcap 5131, shown by Richard White.

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SUMMARY

Cow #	# Feed Programmed	# Feed Consumed	Ration Fed To This Cow
001	20	20	A
002	10	10	A
003	3	3	A
004	25	25	B
005	17	17	A
TOTAL FEED - 00075			

The cow number, feed quantity and choice of rations are entered on a keyboard. The computer looks at a tag permanently fastened to the cows ID rope and will allow her to eat ½ of this each 12 hr. period.* At the end of each 12-hour period, the computer will record on tape the consumption of each animal programmed. *Other time intervals available.

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2. A feeding area protected from the weather.
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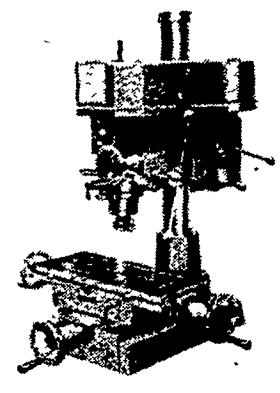

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Dauphin DHIA

(Continued from Page A34)

J Melvin Brandt	H	69	16,102	617
Paul L Crissinger	H	81	16,202	616
Donald Engle	H	65	15,864	615
J. Richard Alwine	H	50	15,716	605
Wil-lene Farms	H	56	16,943	601
Lytle Farms, Inc	H	100	16,322	601
Harold M. Nissley	H	44	16,333	599
Great View Farms	H	51	15,681	598
Wilmer Campbell	G	59	13,213	596
Dale F. Faust	H	32	15,875	595
Stoney Lawn Farms	H	85	16,183	594
Elwillo Farms	H	112	15,671	590
Lauden Farms	H	131	15,840	584
Earl E. Keefer	A	82	14,300	584
Isaac K. Newswanger	H	44	14,768	581
James Lesher	H	40	15,170	577
Henry Keiter	H	47	15,248	576
Conewago Farms	H	56	14,490	567
Lee R. Sweigard	H	22	15,320	563
Roy C. Wilbert	H	23	15,748	561
Sher Mar Acres	H	37	15,524	560
Robert Oellig	H	34	14,210	556
Mahlon L Lehman	H	50	14,912	553
Frank Wagner, Jr	H	52	13,977	548
Homer Campbell	H	73	13,889	544
John Roy Book	H	51	14,701	543
Arthur Brandt	H	95	14,335	540
Donald Miller Deemar	H	42	13,698	530
Stanley R. Long	H	80	14,464	529
Robert N. Miller	G	16	11,875	519
Gary E Miller	H	75	13,407	517
Walter Schaffer	H	41	12,423	506
Lebo Brothers	G	41	10,673	501
Bryncoed Farm Jersey	J	131	9,628	487
Floyd Feidt	Mix	69	12,498	479
Raymond Belack	H	73	12,196	464

Sixty-nine (69) cows have a lifetime production record of 4000 pounds of butterfat, by years, in the Dairy Herd Improvement Association A list of 33 cows producing over 5000 pounds of butterfat follows.

OWNER NAME OR NUMBER		LBS. MILK	LBS. FAT
Robert J Schaffer, Elizabethville			
Toots	10	235,660	8611
Rena	8	114,177	5700
Iva	7	154,530	5388
Ginger	7	142,327	5153
Ruby	5	131,144	5037
Paul L Crissinger, Gratz			
Harriet	8	177,807	7313
Grace	9	156,149	5827
Joyous	9	131,111	5780
Mollie	8	144,350	5687
Irene	6	132,977	5387
Tammy	7	146,898	5264
Lytle Farms, Inc , Middletown			
Cupid	12	180,133	7022
Aqaris	10	174,161	6428
Laina	9	132,847	5373
Leona	8	134,355	5218
J Melvin Brandt Hershey			
Lucy	8	160,679	6894
Peggy	8	165,977	6314
Sandra	5	118,991	5089
John Hertzler, Elizabethtown			
Vivian	9	153,067	6615
Abigail	6	136,253	5030
Stoney Lawn Farms, Middletown			
Jen	7	148,023	6241
Poshie	9	151,573	5451
Harold M Nissley, Elizabethtown			
Chic	9	145,077	6151
Pam	8	144,841	5168
Tonya	8	126,909	5035
Mahlon L Lehman, Elizabethtown			
Nettie	10	177,799	6077
Katie	7	115,090	5127
Earl E Keefer, Millersburg			
Harriet	9	150,694	6050
Maryann	11	119,628	5412
Annabel	9	133,484	5314
Conewago Farms Elizabethtown			
Judy	9	122 411	5604
Restful Acres Hershey			
Star	7	152,040	5568
Bryncoed Farm Jersey Middletown			
74 W	8	109,278	5044

OWNER SAMPLER PROGRAM
Top herd for milk - 18,059 pounds
Top herd for butterfat - 682 pounds
Four herds over 600 pounds butterfat
Twenty-four herds over 500 pounds butterfat.

Report by:
Rodney Lebo, Supervisor
James Bath, Supervisor

Browncroft farm

(Continued from Page A37)

April 1 Fifteen miles of pipeline transport the sap from the trees to the [illegible] bulk tank which set outside the evaporator house. From the bulk tanks, the sap is then piped into the evaporator which is operated by a constant wood fire.

In fact, what time the Browns may save in the summer with a large dry cow group, they more than make up for it with the time spent making syrup.

"Someone has to be here all the time," explained Janet. To evaporate the large volume of sap, the evaporater must be fired about every 15 minutes. The family spends so much time with the syrup operation, that they refer to it as their "little house in the woods," and even have meals there while tending the fire.

"We boil sap and eggs," laughed Janet.

Last year the Browns bottled about 480 gallons of syrup which they generally market right on the farm.

When they're not milking cows or making syrup, Janet, Bill and Curt can probably be found buzzing around the countryside on snowmobiles.

Bill is a board director of the Bradford County DHIA and a voting delegate at NEBA. He is also active in the county farm association. And in support of his second enterprise, Bill is a director of Endless Mountains Maple Producers.

Janet is a trustee of their church, West Warren UCC and president of the Ladies Aid. Curtis is a former FFA and 4-H member.

Although their activities change with the season — picnicing in the summer or making syrup in winter — the Browns' outstanding herd average has been constantly growing. Their fat average has stayed around 800 pounds in the last five years. Instead of just competing with other dairies, as Bill had set out to do 24 years ago, the maple-syrup-making Browns have become the pacesetters. How sweet it is!

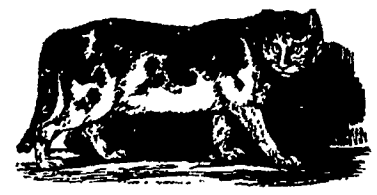
Alspach is acting FNS administrator

WASHINGTON, D.C. — David B. Alspach was named acting administrator of the U.S. Department of Agriculture's Food and Nutrition Service by Mary Jarratt, assistant secretary for food and consumer services.

Alspach most recently served as regional administrator for the Southeast Region of the Food and Nutrition Service. He has had broad experience in domestic feeding programs.

He replaces G. William Hoagland who has been named special assistant for food and nutrition in the office of the secretary.

Prior to coming to USDA, Hoagland served as the chief policy analyst for human resources for the Congressional Budget Office. In his new position, he will be responsible for food and nutritional policy analysis in the office of the secretary.



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Gov't officials tour Conestoga Watershed

CONESTOGA WATERSHED, Lancaster County — How do farmers in Lancaster County's top conservation priority watershed cope with non-point source pollution?

That was the question being raised by several Pennsylvania Department of Environmental Resources officials who were touring the area, along with personnel from the federal Environmental Protection Agency last Friday.

A group of 20 government guests toured Lancaster County under the direction of Conservation District directors Aaron Stauffer and Amos Funk, along with local District and Soil Conservation Service personnel. Congressman Robert Walker sent his aide, Greg Sahd, along on the trip to find out more about non-point pollution and agriculture.

At the Aaron Stauffer farm in Ephrata Township, the government visitors were able to see pipe outlet terraces being constructed. These conservation terraces will help to control the movement of surface water across cropland fields, intercepting it with low mounds of ground and diverting the water into underground pipe lines where it will flow safely under the cropland. This practice helps to reduce erosion and sediment load in streams.

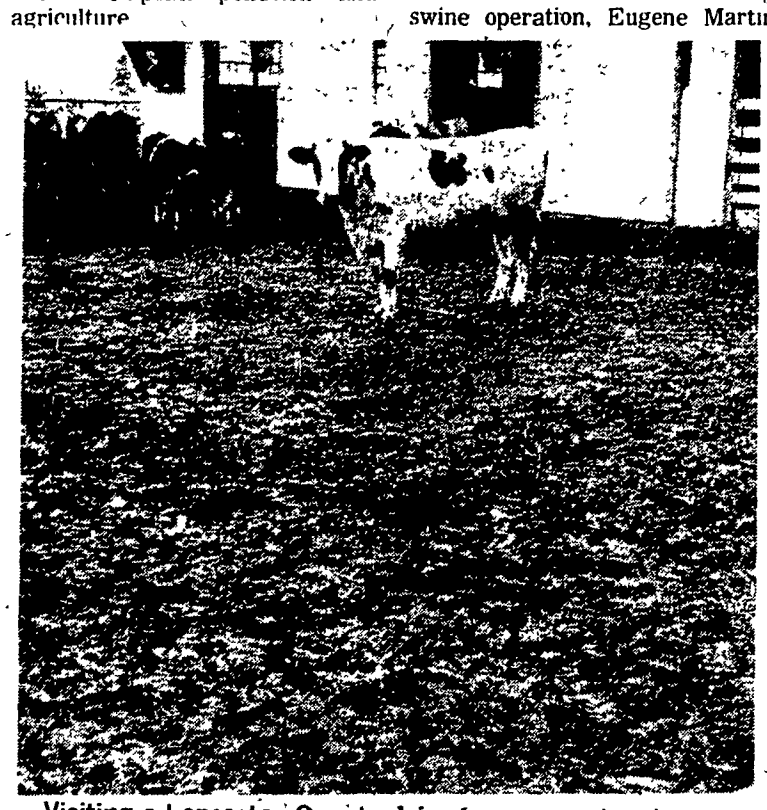
The government personnel felt quite at home visiting fellow political servant and Lancaster Countian Noah Wenger's farm in East Cocalico Township. Here, the visitors witnessed what completed pipe outlet terraces look like, and how they can effectively control nonpoint pollution.

At the Middle Creek breeding swine operation, Eugene Martin explained to the [illegible] how the pork producers had designed a manure management system which would recycle the "waste" as feed. Large holding ponds, equipped with aerator, accept all the water from the swine houses and hold the liquid until it is irrigated onto cropland. The manure is processed through a "digester" which separates out the solids. These are then available for refeeding.

The final stop of the day was at a local dairy farm where manure from the stanchion barn and loafing yard was stacked and stored in a concrete area until conditions are satisfactory for spreading without risking stream and water pollution.

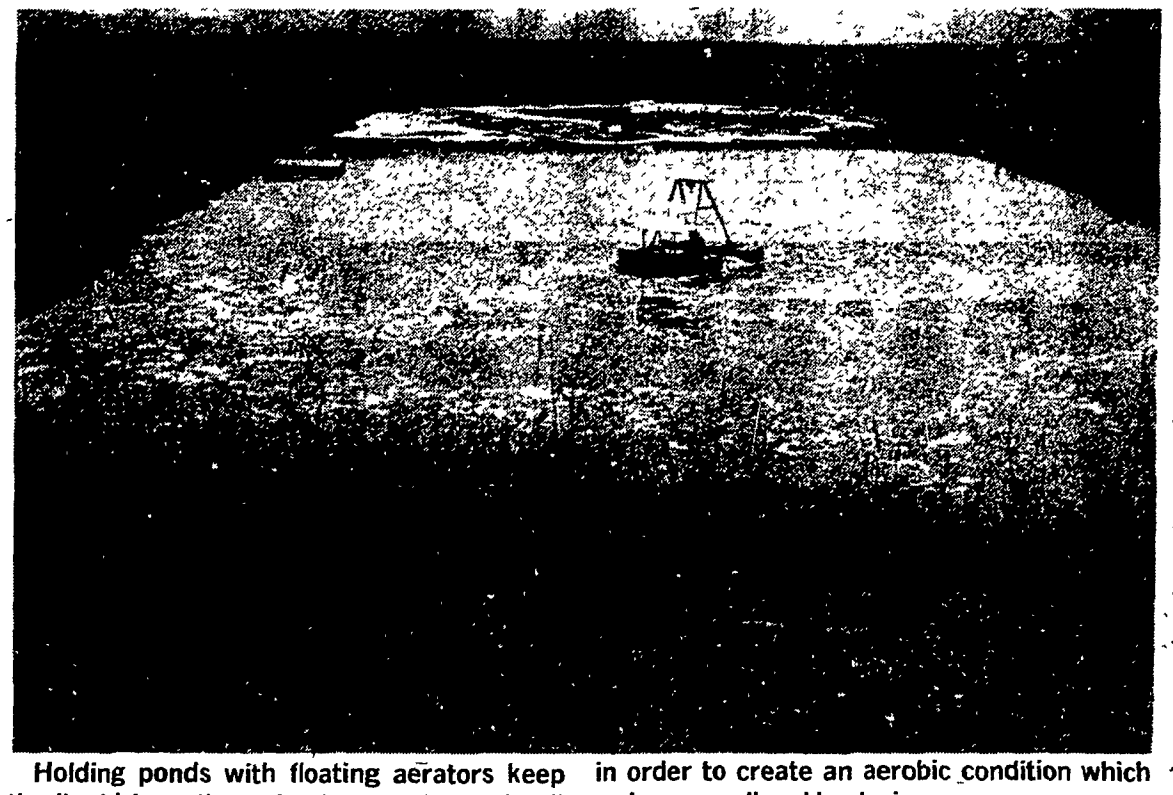
The group went by the Rural Clean Water Program's stream monitoring site located at the old ice plant at Shiloh Farms. Here the quality and quantity of water in the Conestoga Watershed will be measured by personnel of the U.S. Geological Survey. It will be in operation for 4 years.

Coordinating the tour was District Administrator Tom Johnston.



Visiting a Lancaster County dairy farm gave the visitors a chance to see some of the fine Holstein cattle in the area and how the manure from these operations is handled to control stream pollution.

State and federal environmental officials visited Lancaster County last Friday to tour the Conestoga Watershed. The sometimes-heavy rain helped educate these officials on nonpoint pollution control on agricultural land. The group listened to swine producer Eugene Martin, third from left, discuss manure management in high-density hog houses.



Holding ponds with floating aerators keep the liquid from the swine houses "stirred up" in order to create an aerobic condition which reduces smell and bacteria.

Gutter cleaners carry the manure from the stanchion barn to this concrete holding area. The barnyard manure is scraped into the area and stacked until conditions permit hauling the natural fertilizer onto cropland.

Sunflower hybrids now possible

WASHINGTON, D.C. — Embryo culture has been adapted to permit crossing different sunflower species, called interspecific hybridization.

The technique will allow scientists to cross wild perennial sunflowers with current commercial plants that could result in the development of important future sunflower hybrids by transferring beneficial genes, such as disease resistance, insect resistance, hardiness, and others.

While embryo culture has been successful with many plant species, it has not until now been successful with sunflowers.

Embryo culture involves removing the microscopic embryo from immature seed and nurturing it with the use of artificial media. The technique is successful where conventional methods of sunflower hybridization are not.

A barrier to crossing different species has been embryo abortion, caused by something in, or lacking in, the endosperm. Seed embryos get their food supply from the endosperm of the seed, but, interspecific hybrid sunflower endosperm somehow allows the embryo to starve and die.

John M. Chandler, a graduate student at the University of California, Davis, under the tutelage of Benjamin H. Beard, Agricultural Research Service plant geneticist, takes the almost microscopic embryo from the immature seed before the embryo has a chance to die.

He places the embryo on an agar medium containing a high percentage of sugar. It is the high sugar, he says, that makes this method successful while other researchers' methods have failed.

The high sugar content of the medium keeps the embryo from germinating. By retarding germination, Chandler allows the embryo to gain strength and maturity.

The second step in Chandler's method involves transferring the embryo to a liquid medium containing a low percentage of sugar. There the embryo germinates and grows into a seedling capable of supporting itself when transferred to soil.

In 1979, ther were 5.4 million acres of sunflowers harvested in four states — Minnesota, Texas, North and South Dakota.

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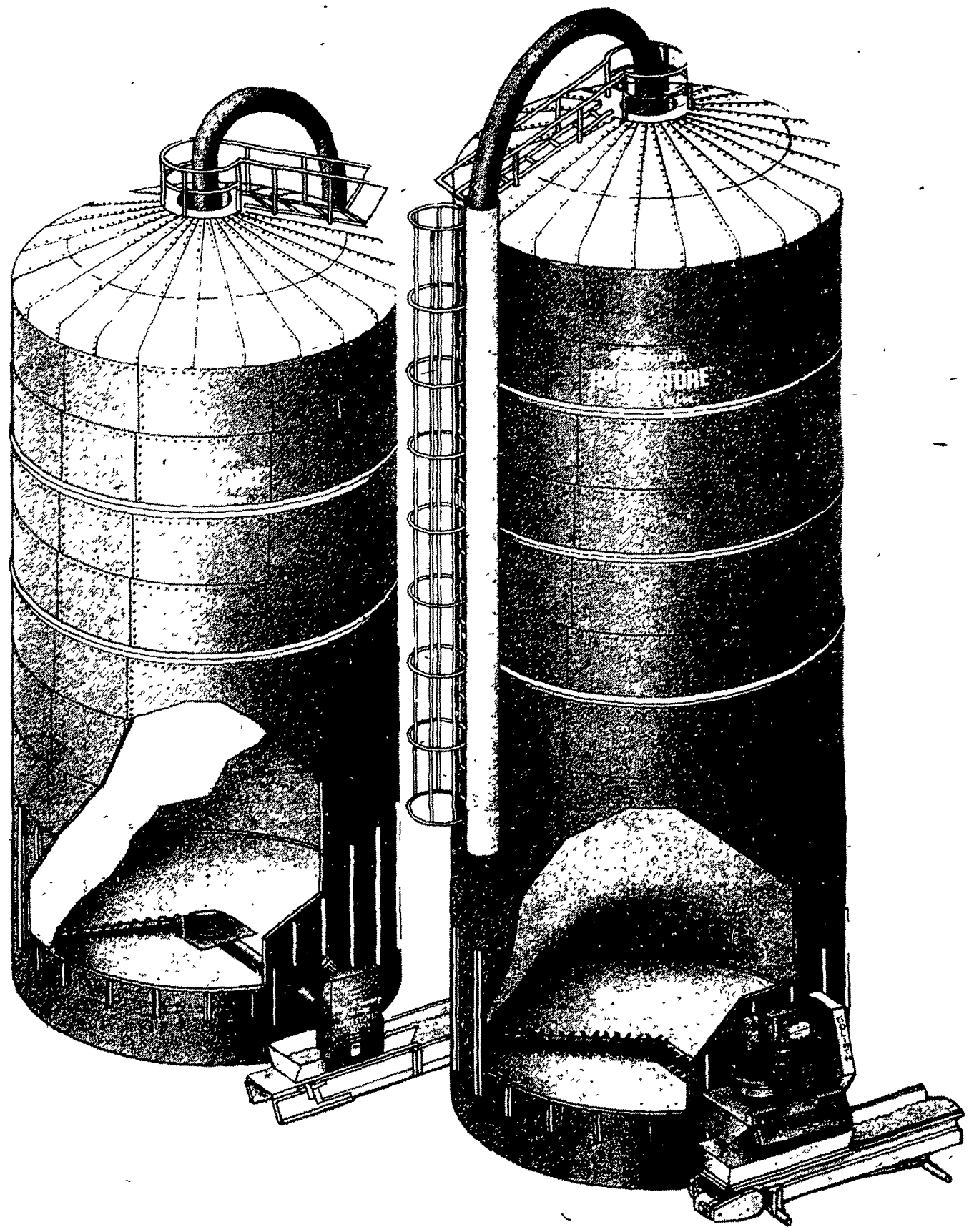

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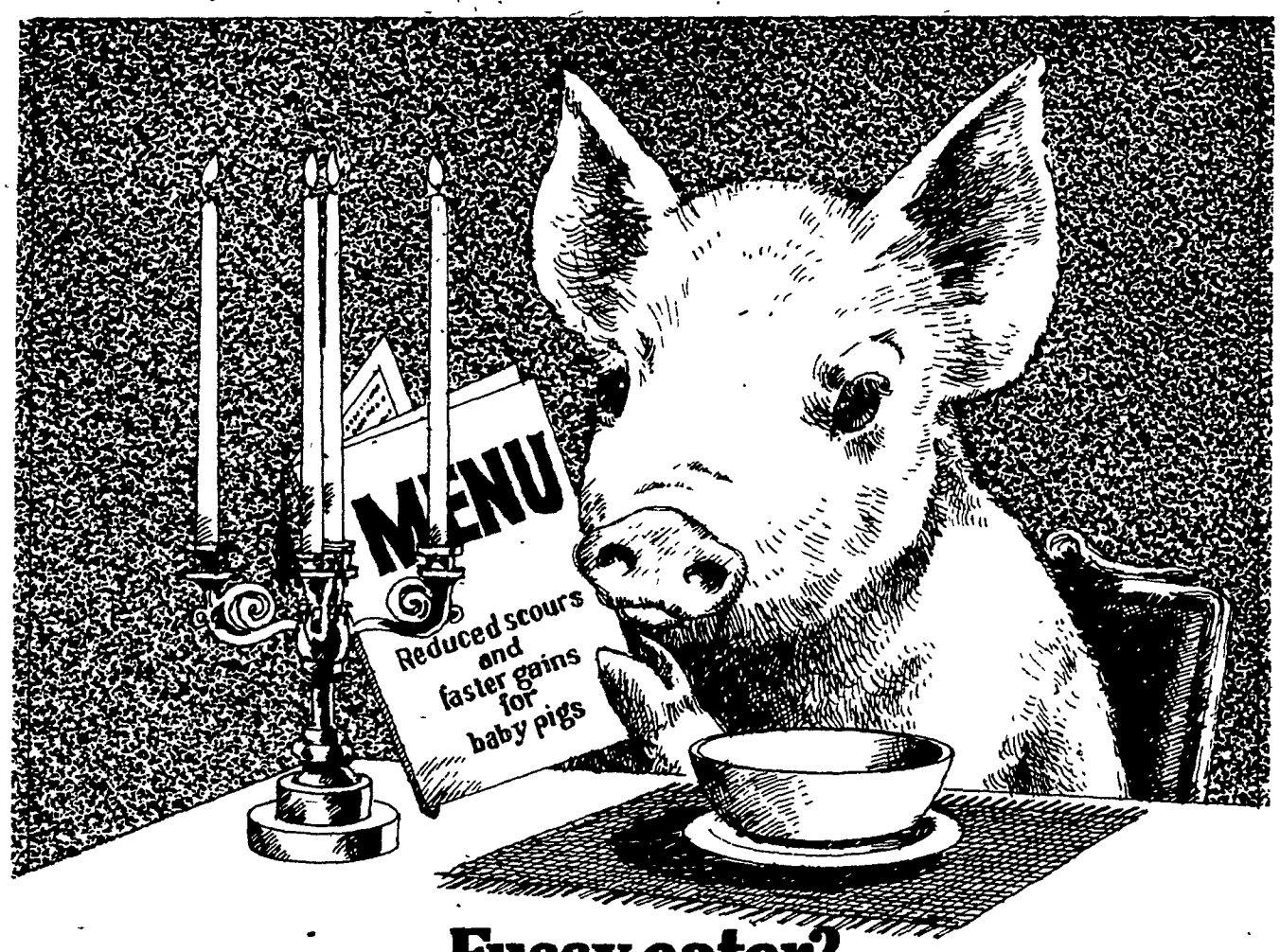

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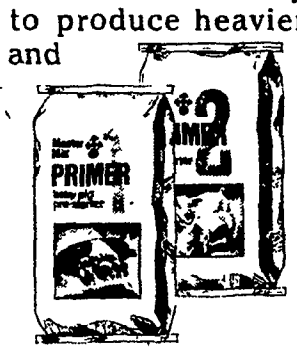

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Busy homemaker has time for handmade Christmas

BY SALLY BAIR
Staff Correspondent

On Thanksgiving Day Barbara Mowrer had 21 turkeys on her dining room table. They weren't roasted (think of the turkey casseroles), and they didn't gobble, but they did add a delightful touch to her family's celebration of the day of giving thanks.

The turkeys were fabric napkin holders and had been featured at the Lancaster County Homemakers' Christmas program in October. After seeing them, Barbara felt she wanted to have them grace her table so she set about the task of making them to match some placemats she had made. She also made coordinated napkins. This is just one example of Barbara's interst in crafts and her love of attention to detail.

Barb and her husband Walter operate a poultry farm at R 1, Columbia and are very active in the Lancaster County Poultry Association. While she likes to collect poultry-related items, her interest in making the turkeys stems from the challenge of creating a hand-crafted item.

Each year when Christmas approaches, Barb chooses at least one handmade item to make for their family Christmas tree which is decorated with ornaments made and collected over the years.

She has made a variety of projects over the years, but refuses to choose a favorite. She says simply, "Every year I enjoy what I'm doing."

Last year she and the children made small panda bears from pompoms and one year they made tiny people from the balls of the sweet gum tree. She has shared directions for making several items, described at the end of this article.

When she chooses a project she usually makes about 50 of the items and the family uses them "wherever a gift is needed."

Where does she get her ideas? "I look all year. If I see an idea I'll buy an item and keep it. I like to buy one as a pattern and then try to put together my own. I don't want mine to look exactly like the one I bought, but I want it to look good."

This year Barb is vice president of the Farmdale Parent-Teachers Organization and had the opportunity to share many of her craft ideas with teachers in the school. For the first time, each of the classes is contributing craft to the annual Christmas bazaar and Barb offered many of her ideas to the teachers.

Finding time to produce these Christmas crafts is another challenge. Barb says, "I do it when I have a minute. When I have something that is top priority and must be done, I let other things slide."

Another Christmas tradition in the Mowrer home is giving cookies as gifts. When it comes time to bake the cookies Barb says that's all she does for several days.

A woman of many talents, Barb shares responsibilities in their farming operation with her husband. They have 100,000 layers, and Barb says, "I help pack eggs. We run the packers every morning and every evening." With two houses, she and her husband share the load.

With Walter as vice-president of the Lancaster County Poultry Association, Barb gets involved with promotional activities, including serving on the Poultry Queen committee. She has enjoyed helping with the queen's activities but admits that it takes a lot of time.

"We are into layers. They are our income. If we promote poultry, it will help us as well as the rest of the industry. I think we must do our share for the three years Walter is on the Board. I'm glad to help," she states.

There are many benefits to the involvement. Barb says, "We meet the nicest people. We feel we shouldn't sit at home but should jump in and help."

Barb enjoys her work with the queen and feels that the queen's school programs are of great value to young people. "They'll encourage their mothers to serve something made with eggs. I think she motivates people to try recipes with eggs, and then they'll buy more." She notes that they are promoting other poultry products as well.

"I think the time I spend with the Queen is worthwhile. I look ahead to the day when my daughter may want to be in the contest and I hope someone will take the time to help her as we are taking the time to help the current queen."

The Mowrers have three children - Tim, 12, Tina, 10 and Kenneth, 7. They have all benefited from their involvement with the poultry industry because they get to travel to some of the activities with their parents. In the spring they all went to Belmont Race Track where the Queen appeared during their agriculture Expo.

This year Barb was a leader in the Mountville 4-H Community Club, teaching ceramics. "I enjoyed working with it," she states, and expresses surprise that 22 members chose to take the project.

Her interest in ceramics stems from high school days and ten years ago she invested in molds and a kiln, offering classes in her home and selling the finished product. She also attended mold sales and took many classes herself.

Eventually Barb had to give up the business as she was needed more on the farm, but she kept one kiln and some molds so she could return to it.

Now, however, her interests have fixed firmly on crafts. She says, "The ceramics break and crafts are easier to work with."

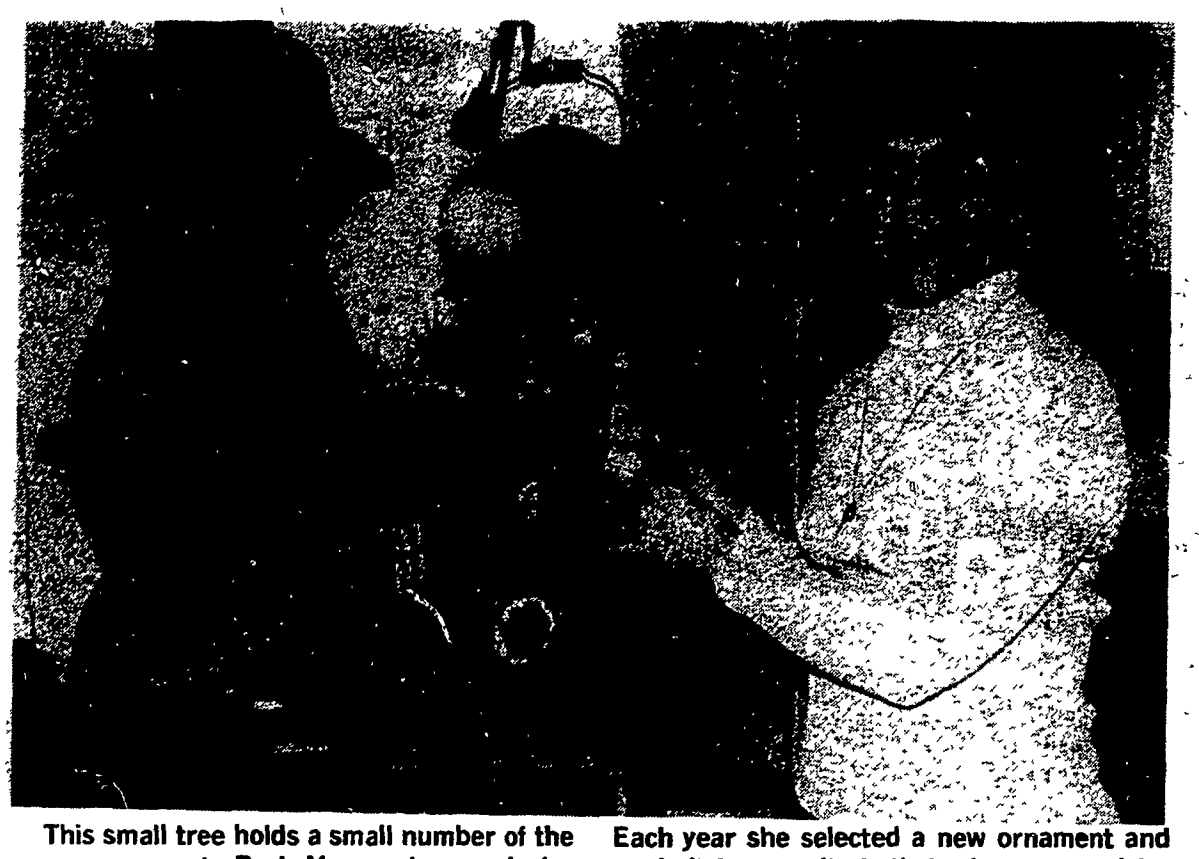
Her interest in handcrafted items evolved from about five years ago when she got together with her five sisters and sisters-in-law once a month to make a craft. They no longer do that, but it helped show Barb where her true interests lay.

There's a lot of talent in Barb's immediate family and Barb said perhaps such an interest can come down through the generations. She recalls, "My grandmother Barbara Longenecker hooked rugs and did other crafts and she was so proud of what she could do. She was so artistic. I guess something like that can be carried down. My mother makes quilts, and I just finished my first quilt."

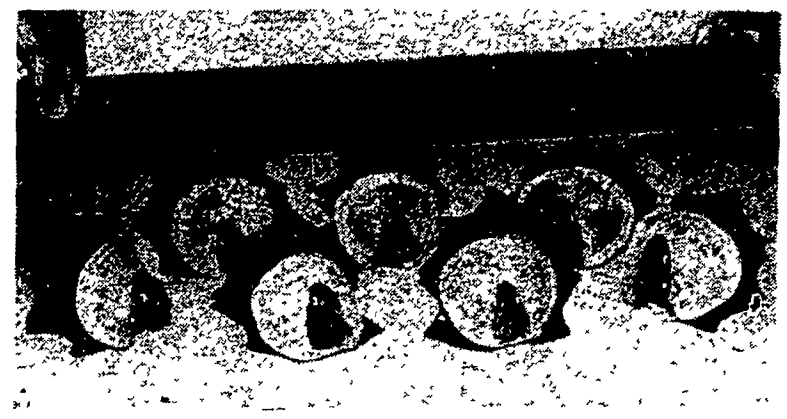
She also shares her talents with the Pioneer Girls at the church she attends, Calvary Bible Church, Mount Joy. "We have weekly meetings and do lots of projects," Barb relates. "We are Christian-centered and we always have a Bible lesson and a verse." Barb works with fifth and sixth grade girls.

A member of the church choir, Barb has enjoyed singing since her days as a member of the Hempfield Singers where she feels she received excellent instruction. However, she adds, "I never learned when to breathe and how to pronounce words, and I always thought 'When I have time I'm

(Turn to Page B4)



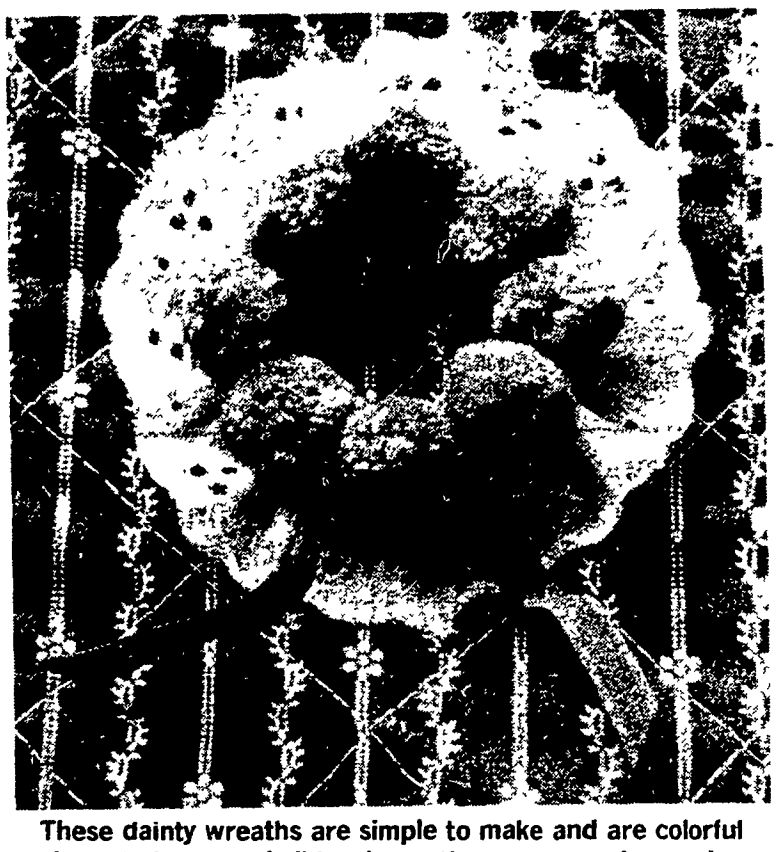
This small tree holds a small number of the many ornaments Barb Mowrer has made for the Mowrer Christmas tree over the years. Each year she selected a new ornament and made it in quantity both for her tree and for gifts.



This flock of turkeys didn't miss Thanksgiving dinner. Barb made these turkey napkins holders for her Thanksgiving table after seeing the idea presented at the Homemakers Christmas program in October. She has placemats and napkins to match.

These little panda bears make a great addition to a tree or package, and are simple to make, with a minimum of supplies needed. Simply glue the pompoms together and add felt eyes and some beads. A festive how adds the final touch.

These salt dough characters have personalties all their own and will create a conversation piece wherever they are used. The basis for the little guy is a ball from the sweet gum tree. The facial features are painted on, and an acorn cap and a red bow add a certain dash.



These dainty wreaths are simple to make and are colorful and pretty for many holiday decorative purposes. Lace, pipe cleaners, pompoms and ribbon are all that are needed to create your own wreath.

Homestead Notes

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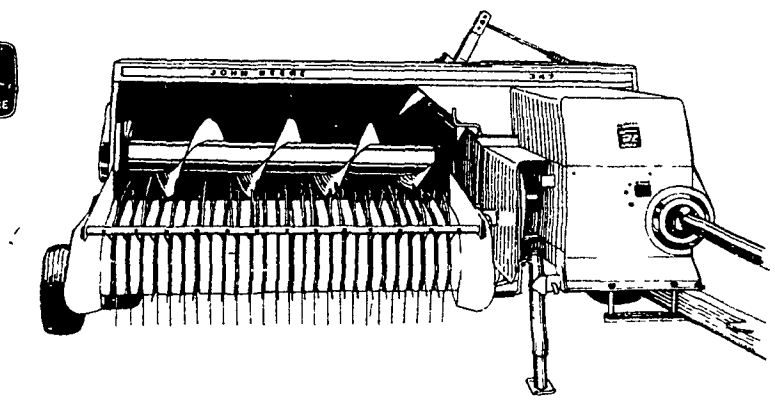

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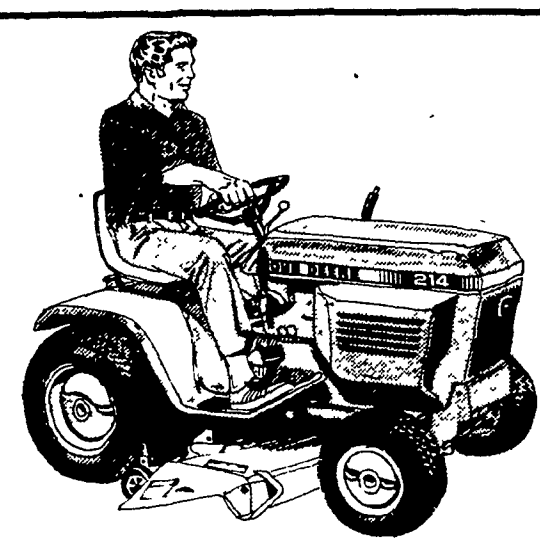

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See us now for complete details. Offer expires February 28, 1982.

JOHN DEERE

Homemaker has handmade Christmas

(Continued from Page B2)

going to take lessons.' " Well, the time doesn't always seem to be so plentiful, but she is now taking voice lessons on a bi-weekly basis from an instructor she calls a "gem." She adds, "I tape the music and sing to the tape. I get the whole lesson on tape so I can learn from my mistakes."

She explains that one reason she pursues this hobby when time is a problem is that, "God has given us so many talents and we don't educate ourselves to use them. Never in our lifetime do we use the ability we're given. If in one area we can better ourselves and help someone else, then we should."

Directions for three craft projects follow. There's still time to make them to include with your holiday decorations and Barb reports that her whole family gets in on the act when she's making them. They may sound complicated, but they're not.

Panda Bears: For each panda, pompoms must be purchased either as ball fringe, yards or balls or individual pompoms. One panda requires two large white pompoms, four medium black ones, two small black ones and one tiny white one for the nose. Black felt and tiny beads are needed, along with some plastic fish wire for hanging and a small amount of ribbon for a bow. Barb also made the pandas in brown with off-white pompoms and was pleased with the results.

Before assembling the bears, the pompoms should be fluffed in the drier. Barb cautions that the white balls and the black balls must be done separately, or there will be nothing but dirty gray pompoms for the project.

The small balls are simply placed on the larger ones with glue, and Barb suggests that the arms and legs be glued near the front, in a semi-circle, with just a small portion of the white pompom showing. The bead glued on the nose is somewhat smaller than the two beads glued on the felt for the eyes.

Add a fish line for hanging and a red bow for color and you have a chaming little bear to hang on your tree or add to a package.

Sweet Gum Character: One of Barb's favorite ornaments is a salt dough character made from salt dough, a ball from the sweet gum tree and an acorn cap. This little fellow has a personality all his own, and Barb says he is not difficult to make.

First the recipe for the salt dough. Combine two cups flour, ½ cup salt and 7/8 cups water added slowly to the flour and salt. Form into desired shapes and bake slowly.

This little guy's head is formed from one large round ball and his arms are two small round balls. His feet are two small balls, flattened with indentations marked for toes. These features must be made in relation to a ball from a sweet gum tree. They are attached to the ball and then the character is put in a muffin tin to be baked in a very slow oven (150 degrees) for four hours. After they are baked, a fish line for hanging and an acorn cap are glued on the head.

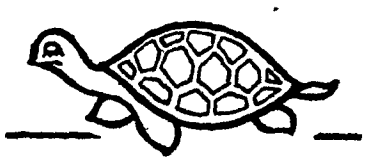
Features are then painted onto the face with poster or ceramic paints, and a little pink blush can be added to his cheeks by putting a small amount of paint on your fingertip. A small ribbon is tied in a loop to resemble a scarf and the little guy is ready to decorate any tree.

Wreath: A third creation of Barb's is made from eyelet lace, some pipe cleaner, pompoms and a small box. These pretty wreaths can be made almost any size and the pompoms colors can be chosen according to your wishes.

A pipe cleaner is inserted through the base of the lace, and a ribbon is wrapped around the end of the pipe cleaner before the ends of the lace are glued. Pompoms are glued on a fishline for hanging is added. These are simple, but a bright addition to trees and packages.

There is still time to undertake a special decoration for your tree. In fact, Barb confesses that she has not yet chosen this year's decoration of the year. She will soon get the project underway, however, and without a doubt her tree will be graced with a lovely ornament especially created for their 1981 Christmas celebration.

DON'T BE SLOW



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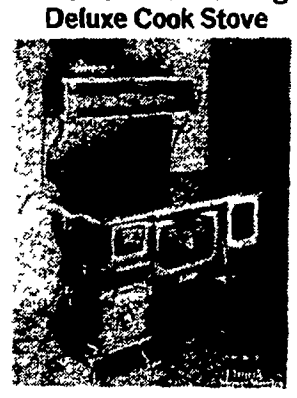

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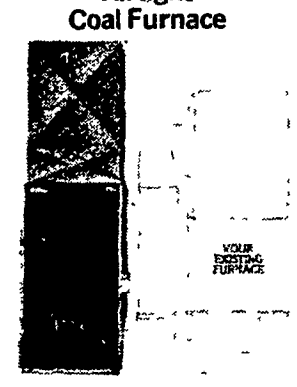

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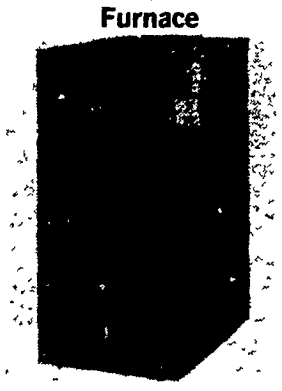

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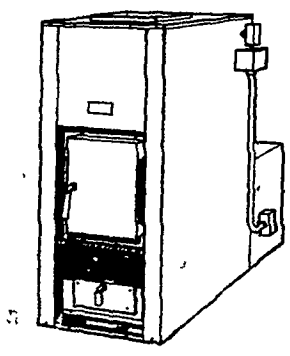

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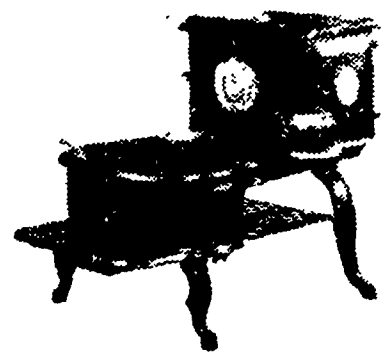

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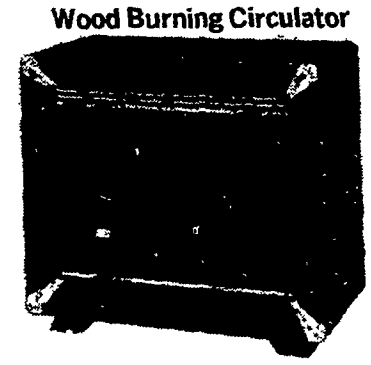
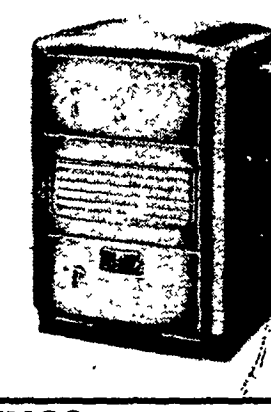
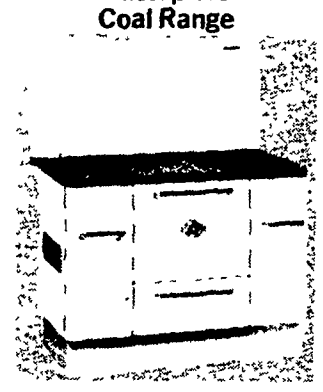




Enterprise
Coal Range



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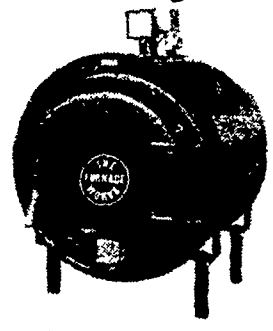

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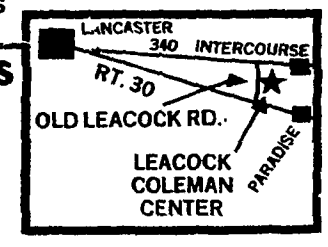

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"Carbohydrates provide the calories needed to produce energy for morning activities.

Sandwiches in the morning provide carbohydrates and B-vitamins, while peanut butter adds a healthy dose of protein.

"These non-traditional foods are not only popular, but they can be just as nutritious as a breakfast of cereal, juice, milk and eggs," Ostasz says.

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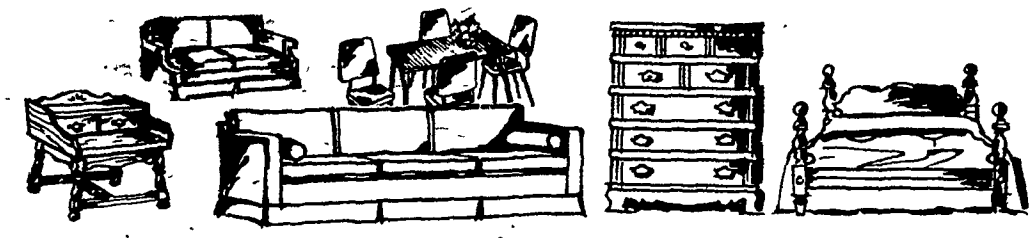

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Ladies Have You Heard?

By Doris Thomas

Lancaster Extension Home Economist

DEFROST YOUR TURKEY IN THE MICROWAVE OVEN

For many people, thawing their holiday turkey is more trouble than roasting it. If you're lucky enough to have a microwave oven, take advantage of its speedy defrosting capability and save yourself a lot of time and effort.

The whole turkey can be left in its original wrappings for the first half of defrosting, but it's easier to spot areas that are defrosting too quickly if the bird is unwrapped from the start.

Here are a few points to take the guesswork out of microwave oven defrosting of your holiday turkey:

—Set the microwave oven for 50 percent of full power. This will be the "medium" setting on some ovens; "simmer" or "defrost" on others. At that power level, estimate defrosting time at about 4 to 6 minutes per pound. Check your use and care manual for specific instructions.

—Place the unwrapped turkey in a baking dish, breast-side-down. Defrost for one-fourth of the total time.

—Shield any warm spots with foil. Turn the turkey breast-side-up and defrost for one-fourth the time.

—Turn turkey breast-side-down again. Shield leg and wing tips and any warm or brown areas.

—Reverse the baking dish so the turkey legs point to the opposite end of the oven. Defrost for one-fourth time.

—Turn the turkey breast side up again. Defrost remaining one-fourth time. Spread wings and legs from the body of the bird and loosen giblets.

—Let the turkey stand in cool water for about one-half hour or until neck and giblets can be removed and the interior is cool but no longer icy.

Roast the defrosted turkey according to your favorite recipe. Enjoy.

DON'T LET HOLIDAY SPILLS GET YOU DOWN

Holiday time is hectic time and spills and stains almost seem an inevitable part of the season. So plan now to stock up on a few basic items to help with stain removal emergencies. You'll need paper towels, cleaning fluids, a sponge, oxygen bleach, chlorine bleach, petroleum jelly and an enzyme pre-soak.

The key to stain removal is immediate treatment. If company is present and a spill occurs, use paper towels to absorb as much of the liquid as possible. Soak a sponge in cool water and use it to remove further traces of the spill. Later, you can get down to the business of final stain removal.

Test any stain remover on a corner of fabric first to see how it reacts. Whenever possible, treat spots from the back of the fabric. Place the spot downward on some paper towels so that the strain will come off the fabric instead of going through it. After treatment, regular laundering will usually remove the last traces of the stain.

Here are some special methods for treating the most common holiday-type stains:

Sponge fruit stains, including cranberries, immediately with cool water. Later soak in warm water and enzyme pre-soak. Then launder. If possible, launder again using chlorine bleach.

For gravy or milk stains, work a paste of detergent and water into the stain. If a greasy stain remains after laundering, sponge with a drycleaning solvent. Soak coffee or tea stains in warm water and an enzyme pre-soak or oxygen bleach and launder.

For candle wax spots, scrape off as much wax as possible. Then place the stain between layers of paper towels and press with a warm iron. Next, place the stain face downward on paper towels and sponge the back with drycleaning solvent. Launder when dry.

For lipstick spots, rub undiluted liquid detergent into the stain until outline of stain is removed. If the stain remains after laundering, sponge with drycleaning solvent.

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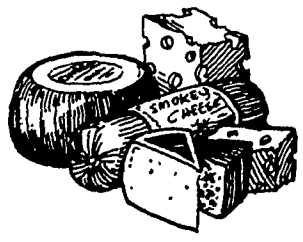
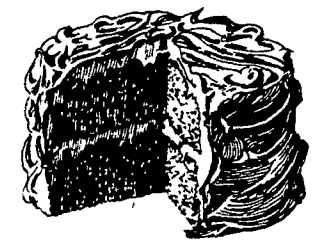


Home On The Range



The delicious, versatile potato

Baked potato, french fries, potato chips, pototo pies, mashed potatoes, and the list goes on with mouth-watering dishes. Potatoes can be used in snacks, main courses, fast food at chain operations and soups. You can bake them, fry them, and mash them. Now you can enjoy them in many new recipes. Happy cooking!

POTATO DUMPLINS'

Boil six potatoes in skins. When cold, peel and put through meat grinder or ricer.

Add:
salt to taste
1/2 t. nutmeg
2 beaten eggs
3 T. flour
1 large onion, chopped and steamed until tender in 1/2 stick of butter

Mix and roll into balls. Drop the balls into boiling salted water. When done, the balls will rise to the top. Remove with slotted spoon. Crumble 5 or 6 crackers and brown in 1/2 stick butter. Pour over dumplings. Serve garnished with parsley.

Kay Chapman, Benton

WHIPPED ONIONY POTATOES

Peel and quarter 3 medium onions and 3 medium potatoes. Cook in small amount boiling salted water until potatoes are tender.

Drain and mash. Add 3 T. butter or margarine and dash pepper. Beat well. Makes 4 servings.

CREAMY POTATO BAKE

6 c. left-over mashed potatoes
8 oz. package cream cheese
2 eggs
2 T. parsley

Whip the cream cheese and add the eggs, beat well, and add the potatoes and parsley. Blend well.

Put into a 2-quart baking dish. Dot with 2 T. butter and sprinkle with paprika. Bake at 350 degrees till hot throughout, approximately 30 to 45 minutes.

Can be prepared a few hours or a day ahead of time.

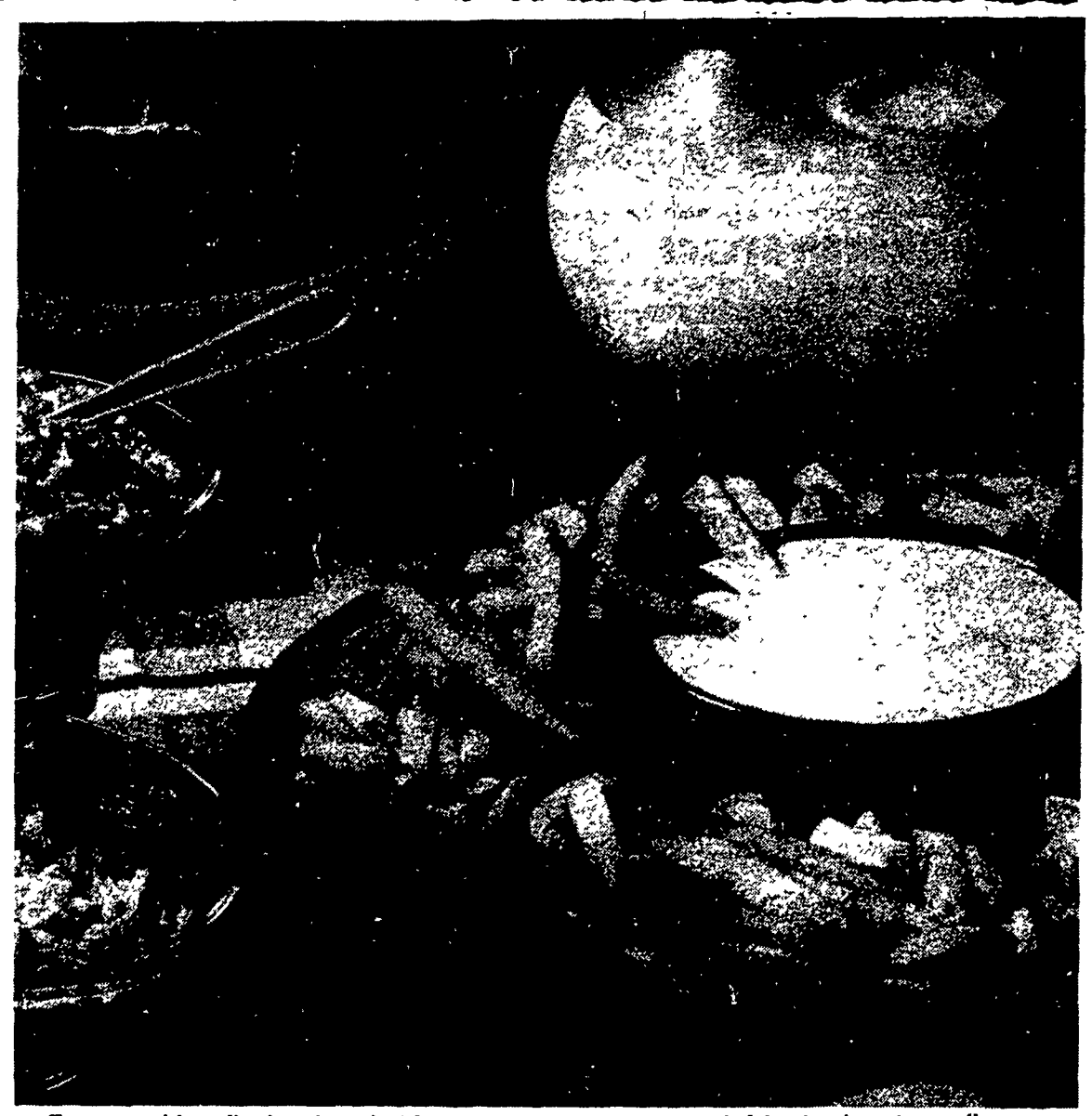
Elma Hoover, Manheim

BASQUE POTATOES

1/2 c. finely chopped onion
1/2 c. chopped celery
1/2 c. shredded carrot
1 clove garlic, minced
2 T. butter
1 can chicken broth
water
2 lbs. potatoes, pared and cut
1/2 t. salt
1/8 t. pepper
chopped parsley

Saute onion, celery, carrot and garlic in melted butter in a 10-inch skillet until tender. Combine chicken broth with enough water to make 2 cups. Add chicken broth, potatoes, salt and pepper to sauteed vegetables. Cover. Simmer for 10 minutes. Remove cover. Simmer, stirring occasionally, 20 minutes or until broth is thickened. Sprinkle with parsley. Makes 4 to 6 servings.

Lois Delp, Dimock



Ever consider dipping french fries in sour cream, or are you a firm believer that this delicious cream was made for baked potatoes only? Try it, you may be surprised. You can, in fact, dip french fries in almost any dip you use for potato chips. Make this your new Christmas dish.

LOW-CALORIE SCALLOPED POTATOES

2 lb. potatoes, pared and sliced
1 c. thinly sliced onion
2 T. flour
1 t. salt
1/8 t. pepper
1 c. skim milk, scalded
1 c. chicken broth
paprika

Arrange one third of the potatoes in a lightly greased 2-quart casserole. Arrange one third of the onion on top of the potatoes. Combine flour, salt and pepper. Sprinkle one third of flour mixture over potatoes and onion. Repeat layers twice. Pour hot milk and chicken broth over all. Sprinkle with paprika. Cover. Bake in 375 degree oven, 1 1/4 hours. Uncover and bake 30 minutes or until potatoes are tender. Makes 5 cups.

Lois Delp, Dimock

SNOWY MASHED POTATO CASSEROLE

12 medium potatoes
1 8-ounce pkg. cream cheese
1 c. sour cream
2 t. salt
1/8 t. pepper
1 clove garlic, crushed
1/2 t. paprika
1 T. butter

Cook potatoes for 15 minutes in boiling water.

Mash with electric mixer. Add cream cheese, sour cream, salt, pepper, and garlic. Spoon into a greased 10 cup baking dish. Sprinkle with paprika and dot with butter.

Bake at 350 degrees for 30 minutes or until golden and heated throughout.

Barbara Russell, Pine Bush

MUSTARD BUTTERED POTATOES

3 lbs. potatoes
1/3 c. butter or margarine
1 t. minced onion
3 T. chopped parsley
2 t. prepared mustard
1 1/2 t. salt
dash of pepper

Wash and cook potatoes until tender. Peel and dice. Cook minced onions until tender, but not brown, in melted butter. Add parsley and seasoning. Pour over hot potatoes. Delicious served with ham.

MUSHROOM BEEF CASSEROLE

1 pkg. Betty Crocker au gratin potatoes
2 1/2 c. boiling water
2 T. margarine or butter
1 can evaporated milk
1 can condensed cream of mushroom soup
2 c. cut-up cooked beef
1 can sliced mushrooms, drained
2 T. chopped onion
1 c. shredded Cheddar cheese
1/2 c. crushed corn flakes or cracker crumbs

Heat oven to 400 degrees. Mix all ingredients except cheese and corn flakes in ungreased 2-quart round casserole; sprinkle with cheese. Bake uncovered until potatoes are tender, about 35 mintues. Sprinkle with corn flakes. Bake 5 minutes longer. Let stand 5 minutes before serving.

POTATOES O'BRIEN

Combine 2 c. cooked, chopped potatoes, 1/4 c. each of minced green pepper and onion, and 1 T. diced pimiento.

Fry until golden brown in hot fat about 1/4 inch deep in heavy skillet.

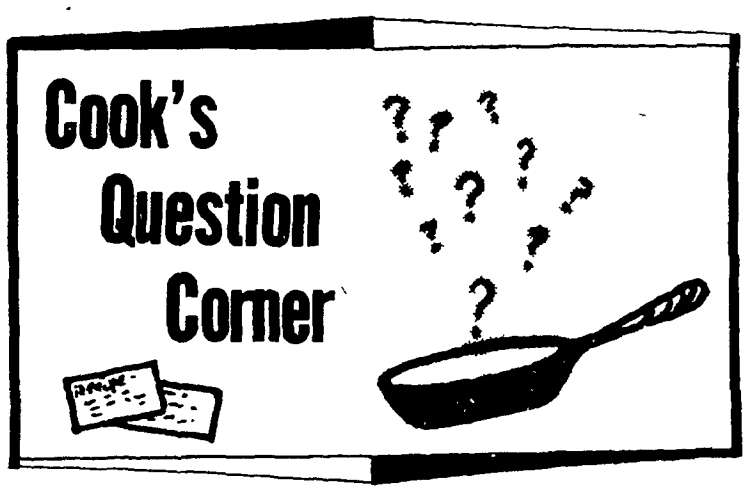
BAKED POTATOES WITH SOUR CREAM

2/3 c. chopped onions
3 T. butter or margarine
1/2 c. sour cream
2 eggs, beaten
4 c. cooked potatoes, sliced
1/2 t. salt
1/8 t. pepper
2 c. corn flakes
1/4 c. grated Cheddar cheese

Cook onions in 2 T. butter until golden brown. Combine sour cream and eggs.

Place half the potatoes in greased individual casseroles or 1 1/2-quart baking dish. Spread half the onions over potatoes; pour on half the sour cream mixture. Repeat layering, using remaining potatoes, onions, and sour cream mixture. Sprinkle with salt and pepper.

If using corn flakes, crush into fine crumbs. Combine corn flake crumbs, cheese, and remaining butter. Sprinkle corn flake crumb mixture over potatoes. Bake in moderate oven (350 degrees) about 25 minutes.



QUESTION — Mrs. Ervin Fassett of East Springfield, New York, is still looking for some coconut macaroon recipes. Can anyone help her? This sounds great for Christmas!

QUESTION — I am looking for some red clay cooking recipes. Can anyone help me?

M.S. Miller

Recipe Topics

November	
28	Potato Recipes
December	
5	Cakes promote friendship
12	Cookies for Christmas
19	Popcorn favorites
26	Beverages for the holidays
January	
2	Making vegetables exciting

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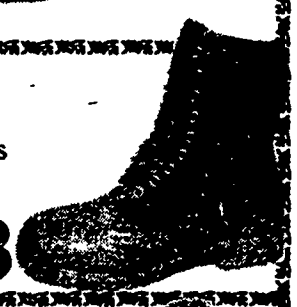

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If you want a food processor for Christmas...

BY SALLY BAIR
Staff Correspondent

LANCASTER — With Thanksgiving over, thoughts are turning to Christmas and the gift giving associated with the holiday season. Many homemakers will get food processors as their Christmas gift, and others will probably consider purchasing them to give as gifts.

Doris Thomas, Lancaster County extension home economist, recently held a workshop on food processors to give hints to those who already own one, and to help those who may be considering buying one for someone else.

With 24 different models on the market, the decision about which to choose is not easy. Purchasing a food processor is a rather large investment, so it will be necessary to investigate thoroughly before making the decision. Furthermore, Doris pointed out that a food processor may not really be needed in your home, depending upon your cooking habits.

If you prepare recipes that require shredding, grinding, pureeing, or slicing at least once a week, then a food processor makes sense for your kitchen. If you use mostly convenience foods or prepare foods which are sliced and ground infrequently, then a food processor may not be worth what it costs.

For some jobs, other appliances are more appropriate. A mixer still is needed for beating egg whites and whipping cream, and a meat grinder grinds just as well as a food processor. Consider your own plans for the food processor.

Size of equipment is a major consideration in food processor selection, according to Doris. She recommends that anyone with a processor find space for it on the counter or it will probably not be utilized as it should be.

Height is important, with most food processors ranging from 13 inches to 15 inches high. Food procesors come in both belt driven or motor driven units, with the belt driven units standing somewhat higher. If space is at a premium this could be important.

Pointing out that about 3,000 slicing, chopping, shredding, or mixing strokes occur per each minute of use, Doris states, "It is an appliance which demands respect."

The most important first step in operating the processor is to thoroughly read and understand the manufacturers' instruction manual. Understanding how the machine works will help homemakers use it efficiently and easily.

Starting and stopping the motor controls the processing action on the food processor, and this is done either by twisting the lid or pushing a "pulse" button.

Processing actually takes place in a plastic bowl that locks in place on the base of the machine. Every model has a secure lid, and the machine will not operate until the lid is in a secure position.

All models have pushers which fit into the food chute to be used as a cork when the machine is running and to push food through for slicing, shredding or cutting.

Most processors have three or four basic attachments, with more coming on the market all the time, according to Doris. Some models now have a second bowl which has a chute to throw processed food into another bowl as it operates. This avoids the necessity of stopping and emptying the bowl when working with large quantities.

Some new models are also equipped with plastic blades for use with dough. Doris notes that the knives on the metal blades cannot be sharpened, but must be replaced when dull. They are designed, however, to last through years of processing.

Doris said that most instruction books do not tell about control timing, a technique which must be mastered for satisfactory use of the food processor. The longer the blade turns the more the food is processed. Controlled timing is measured in fractions of a second or seconds and is learned by practice.

The half-second pulse is a split second on/off turn which gives maximum control. This is used to add dry ingredients to a batter, for chopping soft or sticky foods or foods with a high water content, such as onions.

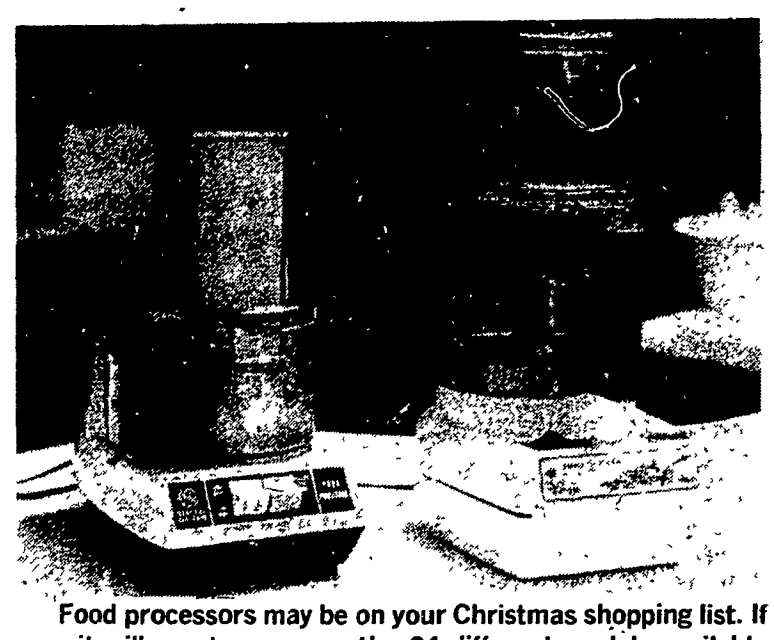
One-second timing is used to process medium to firm textured foods, for blending liquid and dry ingredients and for chopping but not grinding meats and vegetables.

The two second pulse is used for chopping firm food, grinding meat or fish and for grating very hard cheese like parmesan.

Doris added, "Pulsing gets better results than having the processor on steadily."

Processing ingredients in order from dry to messier will eliminate the necessity of stopping to wash the container and blade between jobs.

Doris demonstrated the technique for slicing vegetables using the disk which operates at the top of the processor bowl. She pointed out that to get even slicing, the chute must be loaded completely and evenly. The pusher is used to exert pressure in pushing the food through the chute to the disk. Softer foods need a softer push and harder foods like pepperoni require a moderate push. Homemakers have complained that the chute is too small to accommodate some food for slicing, and manufacturers have responded with larger chutes for some models.



Food processors may be on your Christmas shopping list. If so, it will pay to compare the 24 different models available before deciding which is perfect for your kitchen.

A few tips in caring for the processor: Doris suggests learning which parts are dishwasher safe, and if washing by hand, never leave the dangerous blades and disks in dishwasher where you could accidentally reach into them.

The container and lid should never be stored in the locked position, and the food pusher should not be stored in the chute. This will not allow for air circulation and the container may retain odors. Instead, Doris suggests storing the lid upside down in the container with the pusher inserted in the food chute from underneath.

Unplug the processor when it is not in use and store the blades and disks out of reach of children.

If you should drop a blade during use, do not try to catch it, and step out of its way. Never try to stop the blades or disks with your hands and wait for them to come to a complete stop before removing the lid.

Never use anything but the

(Turn to Page B9)

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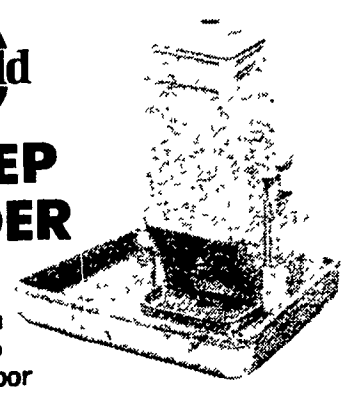

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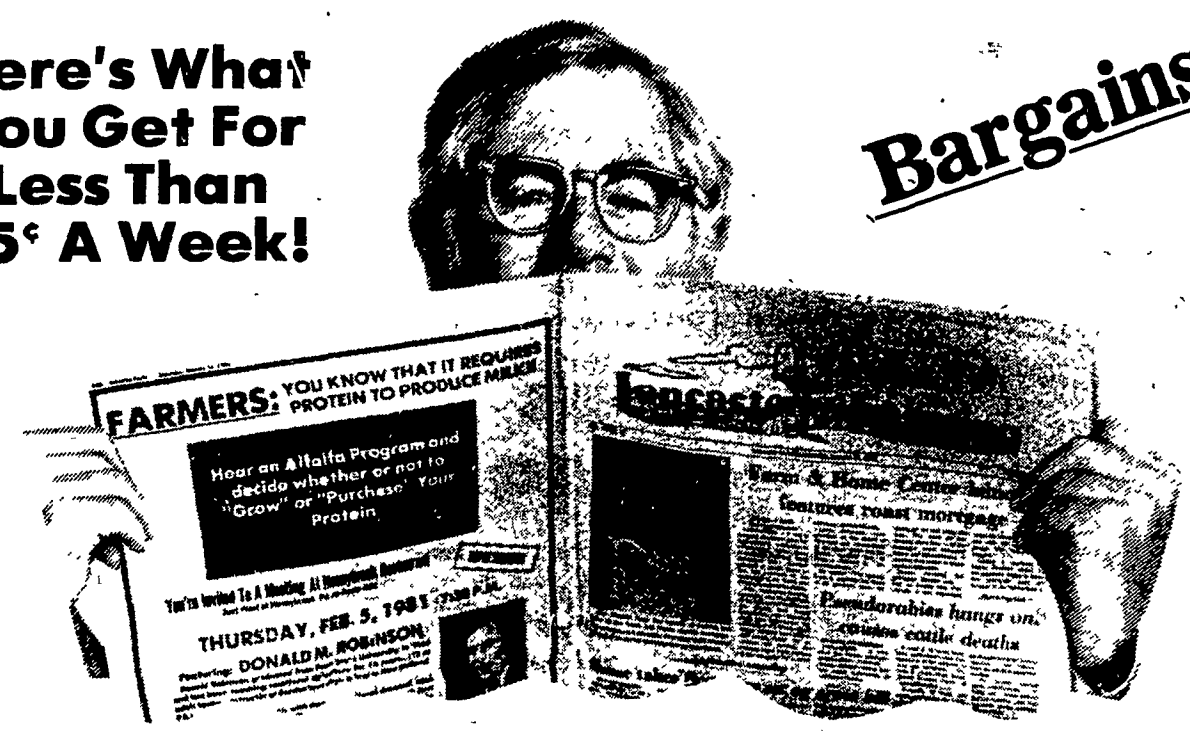
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Schuylkill Co. Extension names new staff members

SCHUYLKILL HAVEN — Schuylkill County has a new Extension home economist. Sharon M. Gately was appointed to the Penn State Extension service staff as associate extension agent, effective November 1. She fills the position made vacant by Ruth M. Hand's retirement.

In her new position, Ms. Gately will be developing informal educational programs for adults and youth in foods and nutrition, clothing and textiles, family management and other aspects of family living.

She will also administer Extension's Expanded Foods and Nutrition Education Program in the county. This program, sponsored by the U.S. Department of Agriculture, helps those with limited incomes make the best use of the resources available to feed their families.

Before joining the Extension Service, Ms. Gately was a home economics teacher in the Tri-Valley School District, Valley View. In 1975 she served as Extension summer assistant in the Schuylkill County Extension Office.

A native of Pottsville, she has a bachelor of science degree in home economics education from Penn State where she is currently completing work on a masters degree, also in home economics education.

She is a member of the American and Pennsylvania Home Economics Associations; the National and Pennsylvania Education Associations; and Omicron Nu, a national home economics honor society.

George P. Perry, Jr. has been appointed to Penn State University's Extension service staff also.

Thomas B. King, Penn State associate dean for Extension, points out that Perry is conducting educational horticultural programs for youth and adults.

He fills the vacancy on the Schuylkill County Extension staff created by the recent resignation of Dale Moyer.

A native of Hollidaysburg, he received a bachelor of science degree in horticulture from Delaware Valley College in 1963.

Prior to being named to the Extension Service staff, Perry was executive director of the Farmer-Consumer Service Association; sales representative for several agricultural business firms; and a research assistant at Campbell's Institute.

He is a member of the Pennsylvania Farmers Association, Berks County Fruit Growers Association, and National Rifle Association.

He and his wife, Barbara, an agricultural sales representative, are the parents of two children.

His parents, Mr. and Mrs. George Perry, reside at Sylvan Heights Drive, Hollidaysburg.

Ruth J. Nichols has been hired by the Schuylkill County Commissioners to fill the position of 4-H and Youth Program Assistant.

Ruth will be conducting program in the area of 4-H and youth.

A native of Orwigsburg, Ruth received a bachelor of science degree in Home Economics from Mansfield State College in 1971.

Prior to her employment with the Extension office, Ruth was Director of the Schuylkill County Family Planning Office and a home economics teacher.

She is a member of Alpha Sigma Tau, National Association of Female Executives and Schuylkill Haven Jr. Women's Club.

Ruth and her husband, Carey, a merchandiser for Wetterau, Inc. have a daughter, Courtney.

Food processors ease your cooking load

(Continued from Page B8)

pusher to move food through the chute when the motor is running.

Doris points out some additional jobs which most manufacturers do not recommend doing in the food processor. These include things like grinding coffee beans, chopping ice, slicing hardcooked eggs, shredding paper, mashing potatoes and slicing unchilled raw or cooked meat. Check your instruction book to know exactly which tasks your processor can do.

Doris told the homemakers to comparison shop and think about what jobs they want done by the processor before making the decision.

She demonstrated the techniques involved in making red-bean soup and date-nut-carrot whole wheat bread for which the recipes follow:

Red-Bean Soup

Yield: 3 cups

1 medium onion
1 large stalk celery with leaves
½ green pepper
2 tablespoons vegetable oil
1 cup cooked kidney beans
1 cup kidney bean liquor
1 cup tomato juice
Thin lemon slice
Parsley leaves

Chop the onion, celery, and green pepper coarsely with the metal blade. Saute in the oil until soft. Place sauteed vegetables and beans in the processor bowl and process with the metal blade until smooth, about 15 seconds.

Add mixture to bean liquor and tomato juice in a saucepan and heat thoroughly. Serve hot garnished with a thin slice of lemon and a few parsley leaves.

Date-Nut-Carrot Whole-Wheat Bread

A rich cake chock-full of good things!

Yield 19 x 5-inch loaf

2 medium carrots, cleaned and scraped
¾ cup brown sugar
½ cup cold butter or margarine, cut into 6 pieces
2 eggs
½ teaspoon salt
¼ cup orange juice
½ cup pitted dates, halved
¾ cup flaked coconut (optional)
½ cup walnuts
1 cup sifted all-purpose flour
1 cup whole-wheat flour
2 teaspoons baking powder
¼ teaspoon baking soda

Grate the carrots with the shredding disk. Remove from the bowl and set aside. Insert the metal blade in the food processor bowl. Add the sugar, butter, eggs, and salt. Process until light, about 15 seconds. Add orange juice. Process until it is combined. Add grated carrots, dates, coconut, and walnuts. Process by turning on and off quickly 3 or 4 times. Scrape down sides twice.

Stir together the flour, baking powder, and soda. Add to the bowl. Process by turning blade on and off quickly 4 or 5 times, until ingredients are combined. Do not overprocess, or cake will be tough and nuts and fruits pulverized.

Pour into a greased 9 x 5-inch loaf pan and bake at 350°F. for about 55 minutes. Remove from pan and cool on a wire rack. Slice when completely cool.

ASCS saves $21.7 million in salaries, expenses

WASHINGTON, D.C. — Secretary of Agriculture John R. Block recently presented President Reagan with a symbolic check for $21,717,000 representing fiscal 1981 savings in salaries and expenses by one USDA agency.

The check was presented to Block by Everett Rank, administrator of USDA's Agricultural Stabilization and Conservation Service. The money will be returned to the U.S. Treasury.

"We should not overlook the potential for savings that come from efficient management of our day-to-day operations," Block said. "This is a tremendous savings for just one agency. It proves that if we put our minds to it, we can accomplish the President's goal of producing savings in government without reducing the quality of services we provide to the public."

Block said the savings resulted from improved personnel staffing and management practices.

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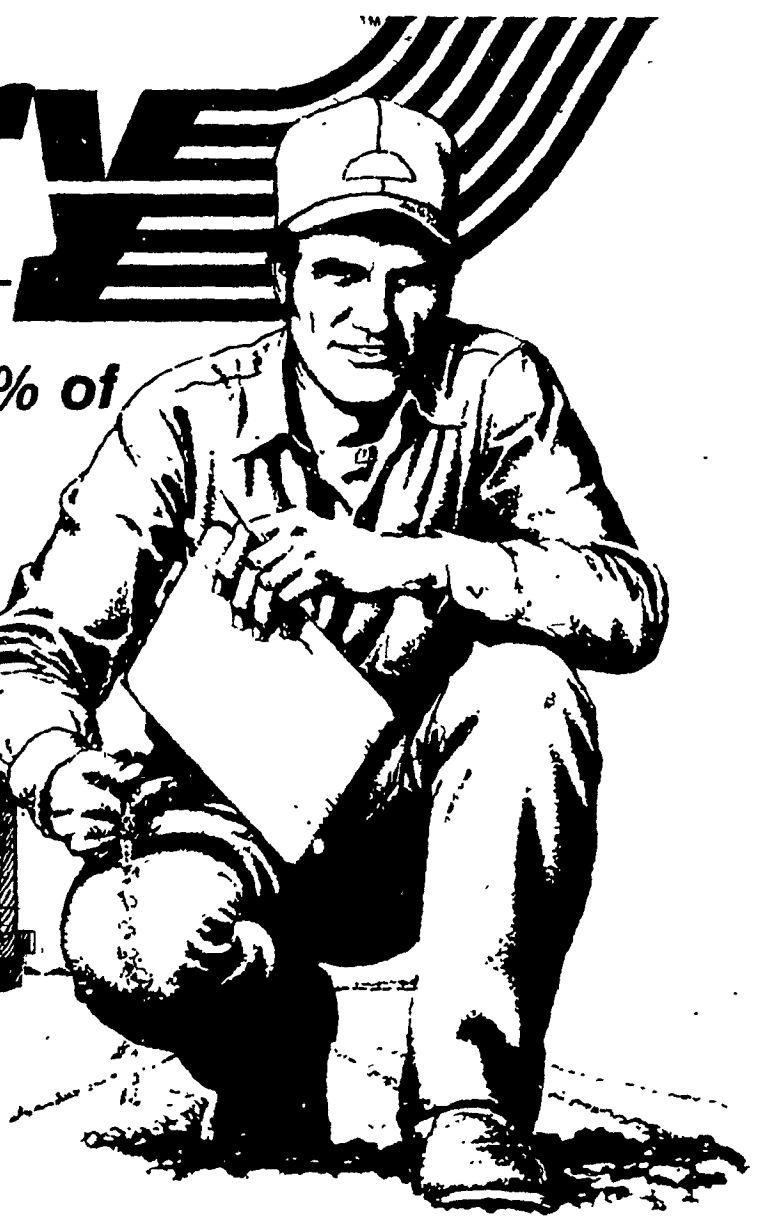

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Kid's Korner

When your horse is hurt

LANCASTER — Judging from the number of wound cases veterinarians see, horses seem to have a knack for running into things that can injure them.

Barbed wire cuts are the most common type of wound, but many injuries also result from horses running into machinery and other odds and ends left in the pasture, says Nancy Kadwill, county agent, Montgomery County Extension.

According to Kadwill, most accidents occur when a horse is being chased by a dog or another horse, when young horses are playing, or when a horse gets spooked by lightning. Suddenly the horse finds itself facing a fence or piece of machinery and can't stop in time.

"Barbed wire fences are the worst offenders because they're hard to see," notes Kadwill. She advises horse owners to tie ribbons along barbed wire fences to make them more visible to horses.

Kadwill also urges horse owners to remove all machinery, loose boards, protruding nails, and other hazards from the horses' pasture or enclosure. The same should be done for stalls or trailers. Protective leg wraps during transport can also prevent injuries.

If your horse has an accident in spite of your precautions, it's handy to have a first-aid kit available. The kit should include some type of padding or bandage material to help control bleeding and minimize further tissue trauma. Many horse owners find disposable baby diapers useful for this purpose.

It is also extremely important to clean any wound out to help prevent infection. Kadwill recommends irrigating the wound area with clean water to flush away any contamination. Use gentle soap and warm water if a hose isn't handy.

"It's preferable not to apply gooey, oily material to the wound if the veterinarian still needs to examine the injury because this material makes the wound more difficult to clean out for more suitable treatment," she says. Water soluble dressings, such as furacin, can be useful.

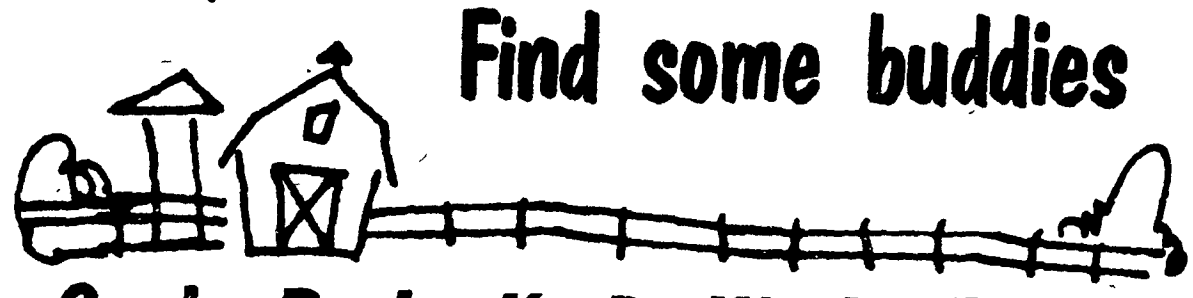
For minor, superficial wounds you can apply scarlet oil. It will help keep the flies away as well as stimulate granulation tissue. Lower leg wounds are prone to excessive granulation, however, and usually require pressure bandages.

If flies are a big problem, Kadwill says, it is okay to apply a fly wipe or repellent around, but not directly on the wound.

Many wounds require veterinary attention. For example, Kadwill stresses that an eye injury should be seen by a veterinarian right away because the cornea could be scratched or the eye punctured. Delayed treatment could result in some loss of vision. Leg wounds that penentrate a joint, tendon or sheath also need immediate

(Turn to Page B12)

Find some buddies



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Kids, see if you can find all 16 of the barnyard buddies listed below:

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Colt
Sheep
Cat
Dog
Cow
Sow
Goat
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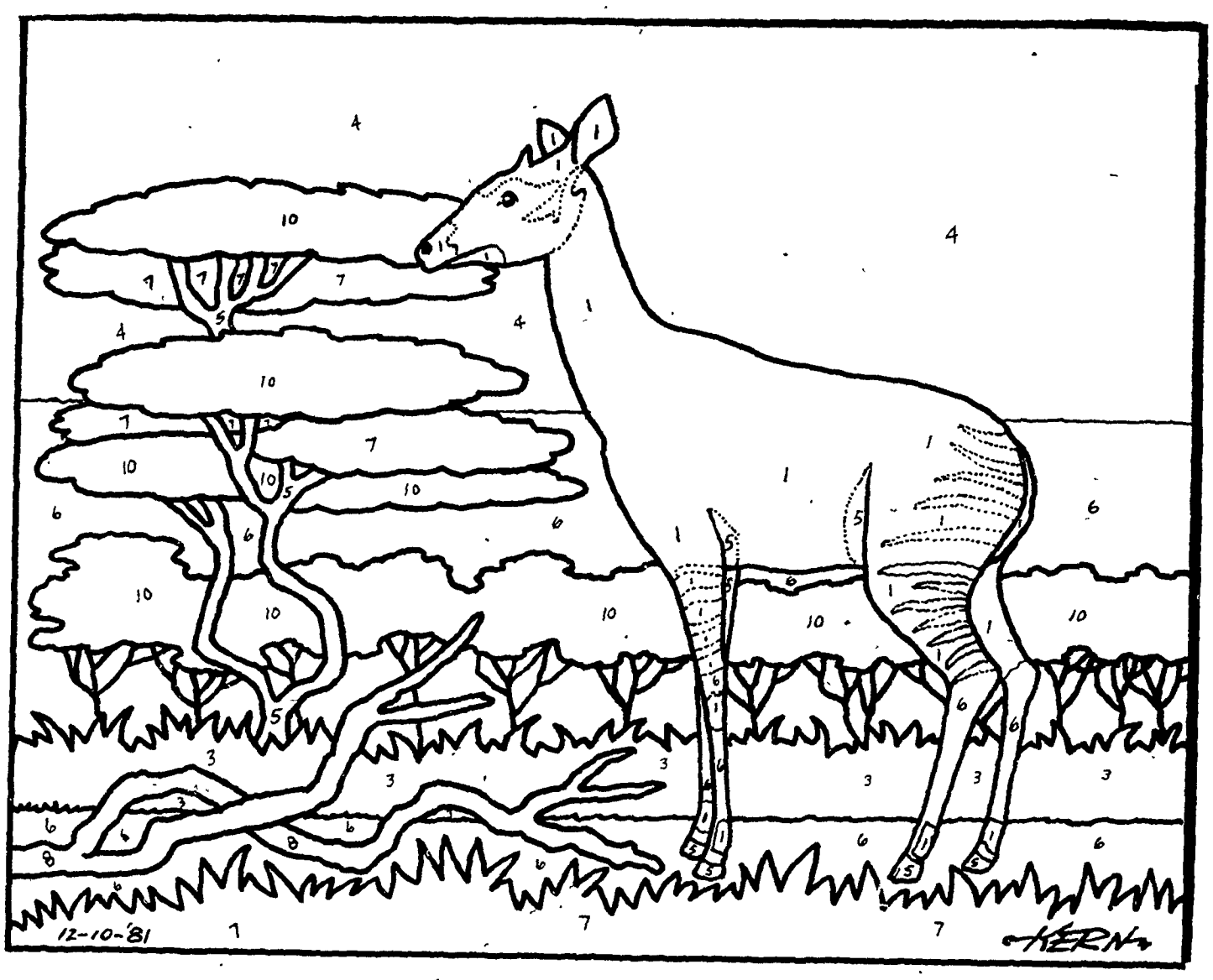

1	RED BROWN	6.	PEACH
2.	RED	7.	GREEN
3.	YELLOW	8.	LT. BROWN
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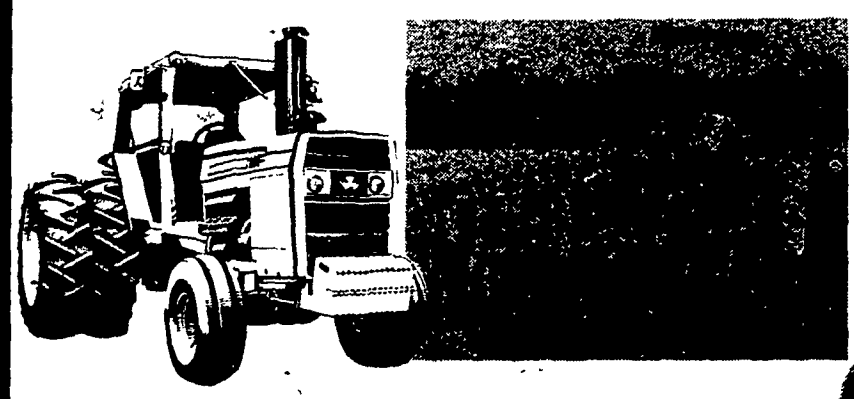

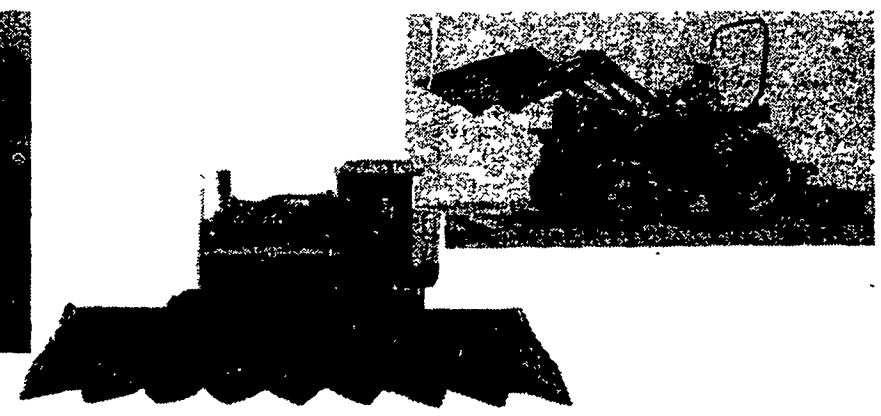

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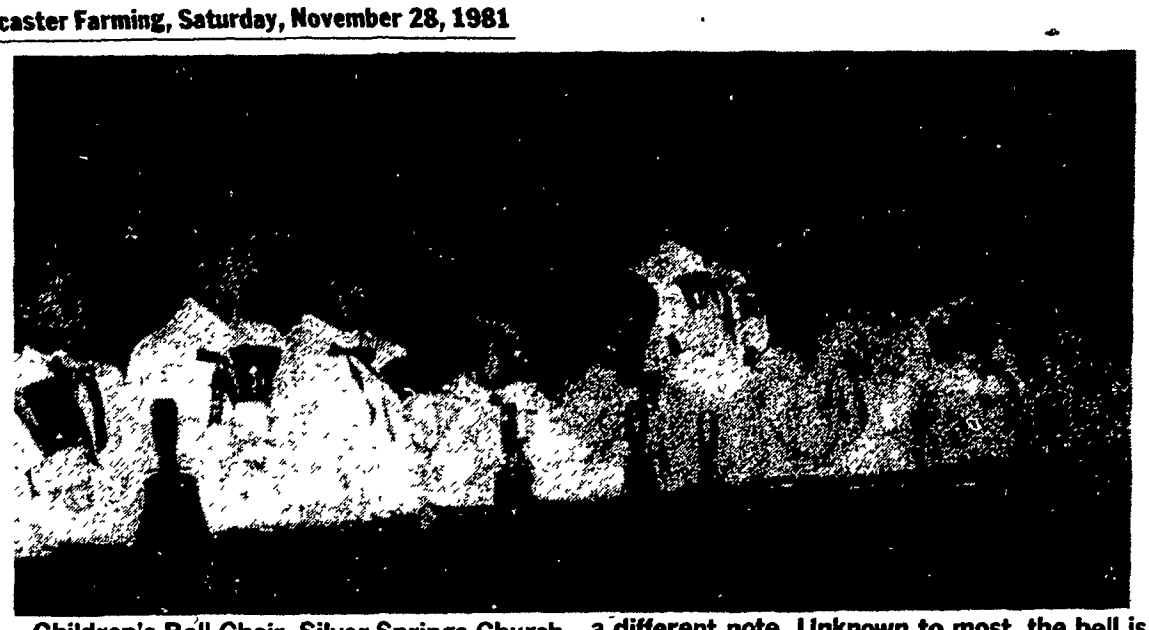


Children's Bell Choir, Silver Springs Church rang out the musical entertainment at the convention. The Bell Choir is a unique musical creature with every member of the choir being a different note. Unknown to most, the bell is the largest and oldest musical instrument in the world.

Cumberland Co. Farm Women close another year

BY BETH HEMMINGER
Staff Correspondent

CARLISLE — The 42nd Annual Convention of the Cumberland County Society of Farm Women held last Saturday at the Embers Restaurant brought the close of another year, the election of new officers, the celebrations of two 90th birthdays and the memories of members past.

For Janice Yorlets this Annual Convention meant the completion of two very busy and fulfilling years as she retired her reign as president to the newly-elected president, Blanche McCullough.

Assisting President McCullough will be the new vice president, Peggy Stambaugh. Donna Duncan moved up to corresponding secretary, Donna Heberlig was elected for recording secretary, and Jean Basehore serving as treasurer.

State Farm Women President, Helen Hess, presented gold lockets to Ceclia Allen and Olive Shughart in honor of her 90th birthdays and for the many years of service and devotion to the Farm Women Societies.

Helen greeted the Cumberland County Farm Women for the last time in her present capacity of state president. She will surrender her title in January at the State Convention.

She told the audience that being a member of a Farm Women group is the best organization anyone woman could belong to. "It is beautiful to see the equality shown among all the Farm Women as I have traveled the convention circuit."

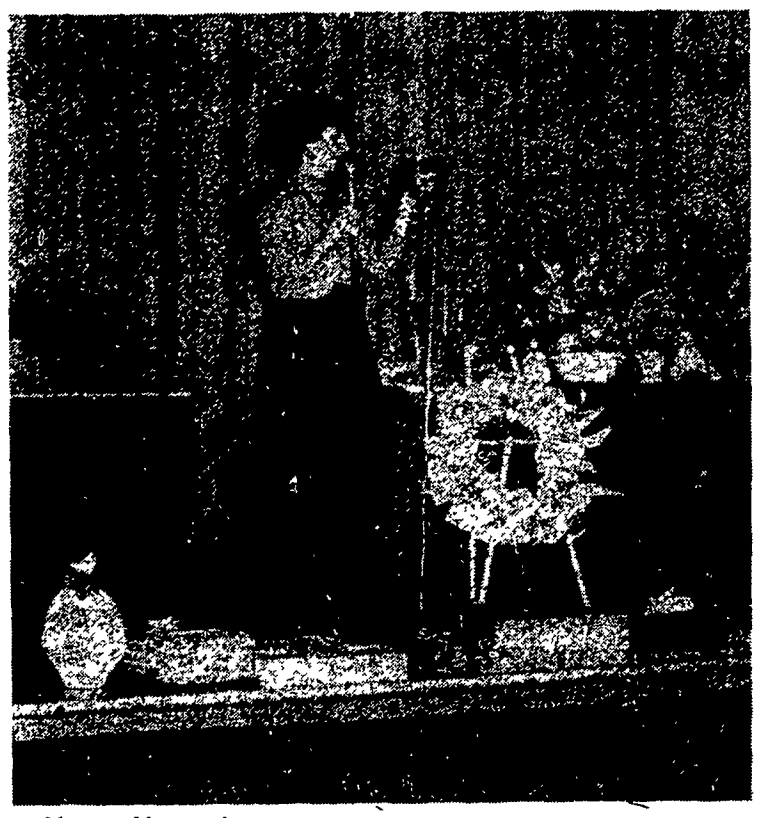
Helen shared an old saying with the women that she trys to live by, "It is not what a person does or what a person has, it is what is inside that counts."

She stated, "Never demean your position as a housewife or working mother, because women have a great responsibility to our country, rearing the young and making the home a happy place. Always keep your standards high and convictions strong."

She encouraged every farm woman to "live up to the oppotunities placed before you" by being active in the community and knowledgeable about county, state and national issues.

She urged the women to voice their opinions about agricultural bills and legislation by writing to their congressmen.

"And most important," she added, speak out for farmland preservation efforts. "You may think that your one vote will not change the course of events, but if all the 4,000 Farm Women in Pennsylvania join together and voiced their opinions about such problems, it will make a difference."



Almyra Heine demonstrates several of the techniques she uses in making her decorations from nature.

Mrs. Hess reminded the Cumberland County group that a member of their organization, Edith Diehl, is a nominee for the position of Second Vice President on the state officers ballot. She encouraged every Cumberland County Farm Woman to attend the convention on January 11 and 12 and support Edith in the election.

With the state project for 1981 being quilting, the competitors from the 22 societies in the county lined the auditoriums perimeter with a colorful patchwork display.

The first place county winners in the quilting competition were Mildred Cornman, Katherine Baish, Hope Hertzler, and Group No. 3.

In her last report to the group, county president Janice Yorlets presented the condensed report noting that approximately $2745 has been contributed to numerous charitable church and community organizations in the county.

Janice thanked all the women in the societies for making those past two years the "happiest in her life." She concluded, "I will always treasure the wonderful fellowships and precious friendships that have developed during these years as county president."

Almyra Heine, a farm woman member, provided the group with an informative presentation on "Making Things from Cornhusk and Other Natural Things."

(Turn to Page B14)

When your horse is hurt

(Continued from Page B10)

veterinary attention, especially if a clear, sticky fluid is visible.

Other cases that require immediate veterinary attention include puncture wounds, because of tetanus risk, large areas of soft tissue damage (muscle and nerve damage), heavily bleeding wounds, fractures, or cases where the affected animal can not use a limb.

"If you're not sure what to do, don't move the animal any more than necessary until your veterinarian can get there," Kadwill advises. "And if you do not need to move the animal, protect the wound from further damage as much as possible."

Kadwill points out that suturing a wound is not always advantageous. "Sometimes suturing may actually damage what little skin is left in the wound area, especially on the legs," she says. "Each wound should be evaluated for the most appropriate course of treatment."

If a wound you've treated yourself becomes infected or begins to swell up with heat and tenderness, get veterinary help, Kadwill advises.

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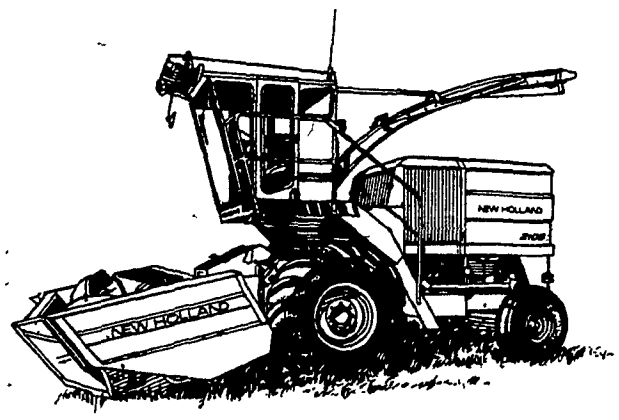

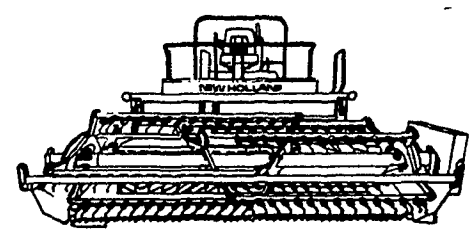

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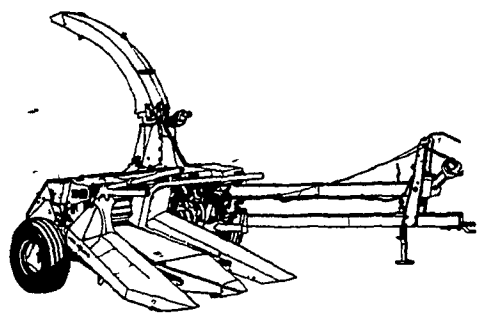

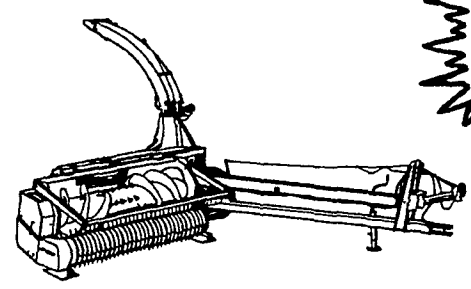

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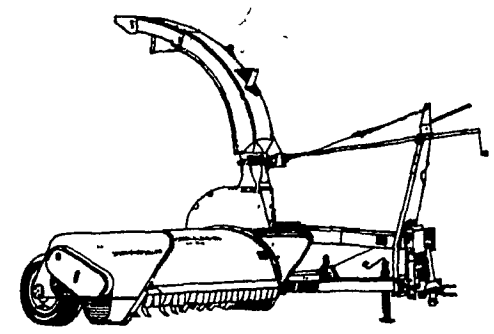

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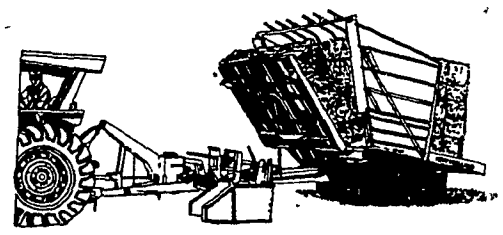

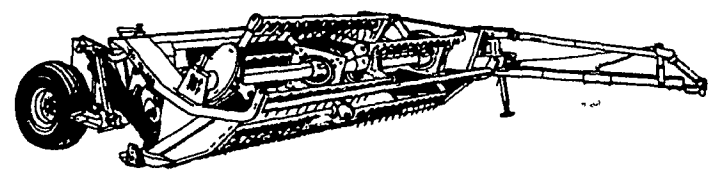

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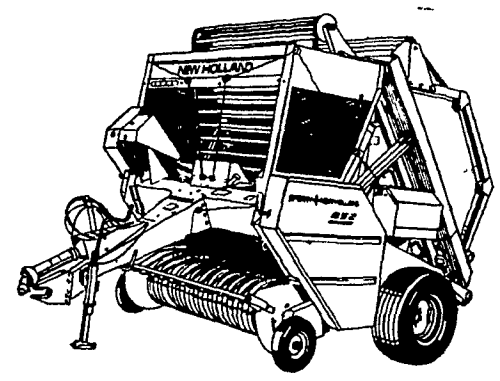
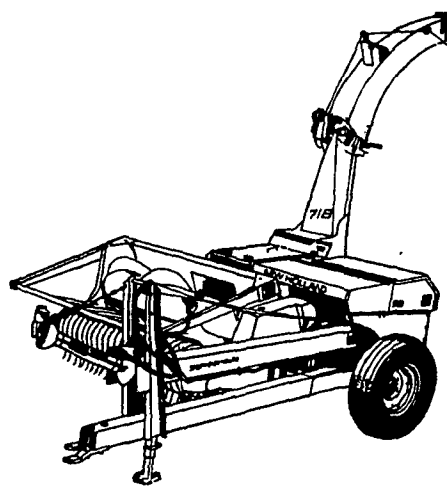
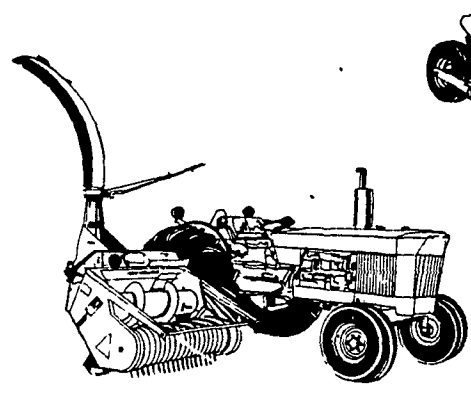
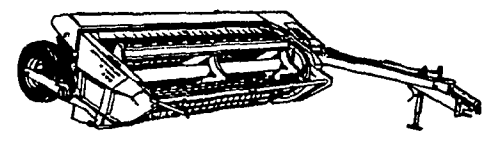


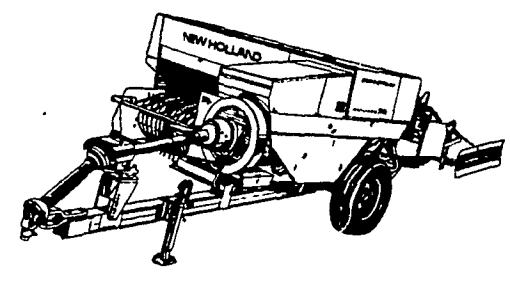
BALE WAGONS - MODELS 1002, 1003, 1036, 1037; MOWER CONDITIONER MODEL 495; ROUND BALERS MODELS 846, 847, 857, 852



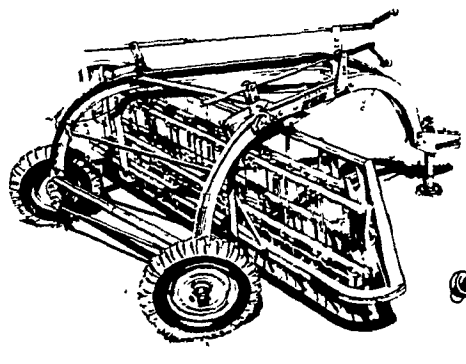


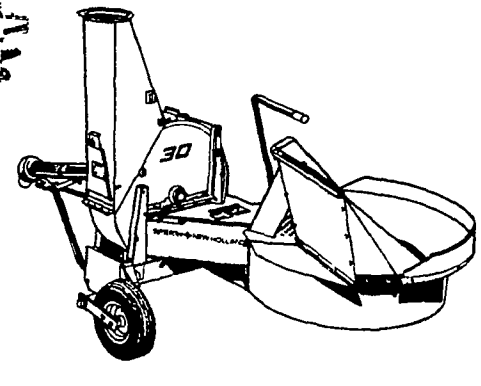


REBATES OF $450 ON

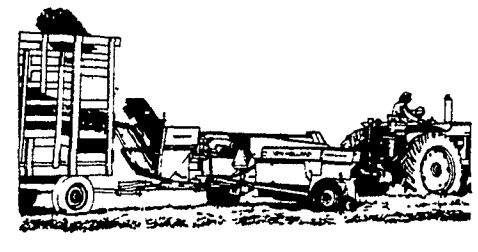


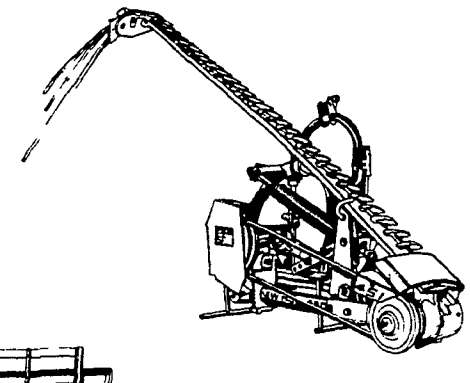
FORAGE MODELS 718, 707; MOWER CONDITIONERS MODELS 472, 474, 488, 489, AND BALERS MODELS 310, 311, 315, 320



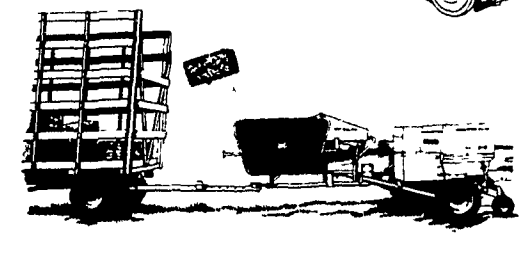


REBATES OF $150 ON RAKES AND BLOWERS





REBATES OF $125 ON SICKLE BAR MOWERS AND BALE MOWERS



Farm Women Societies

Lancaster Co. Society 22

Farm Women Society 22 held its November meeting at the Coca Cola Building on the Manheim Pike.

The meeting was called to order by president Jane Houser. Elva Bare reported the need for dress material in the Village of Shirati in Tanzania. A motion was made for each member to bring dress material to the December meeting.

Ann Diller gave a favorable report on the Food Stand at "Christmas in October" at the Farm and Home Center. Pat Landis reported 16 members attended dinner, when they were entertained by Society 32.

Elva Bare reported on the County Convention. A member of our Society, Margaret Lafever, won first prize on her crib quilt.

A motion was made to give Nancy Witmer a thank you gift for mailing cookbooks.

Pictures of the Canadian Rockies were shown by Bill and Vi Weller.

The next meeting will be held at the Lampeter Fire Hall at 7 p.m. in Lampeter Pa.

Lancaster Co. Society 11

Farm Women Society 11 met at 1:30 p.m. November 19 at the home of Violet Eshleman in Quarryville.

Roll call was answered by telling something for a special Thanksgiving.

The 1982 year books were distributed.

A donation was made for the Quarryville library.

December meeting will be held on December 31 at the home of president Dottie Boas.

Berks Co. Society 6

Berks County Farm Women 6 met in the home of Mrs. William Mest, R2 Oley.

Edith Bettleyon, of Reading, discussed and showed a slide presentation on the Navajo Indian Mission. She and her family worked for several summers on the Navajo reservation in Arizona.

The members brought food for a needy family, to be given for Thanksgiving.

Fruit baskets will be made in the home of Mrs. Earl Mensch on Tuesday, December 15, starting at 7 p.m. Poinsettias also will be given to shut-ins in the community.

A Christmas party will be held at Moselem Springs Inn for members and their husbands or a guest, on December 4, at 8 p.m.

York-Adams Pomona Grange

The Annual Women's Activity Day for the York-Adams Pomona Grange 40 was held at the Red Lion Grange Hall on Wednesday, November 11 with nearly 50 grange members and guests attending.

Following the opening in charge of Gladys Sheffer, David Kauffman from the Red Caboose Craft Shop, Red Lion, instructed the group in a Christmas Craft, as the morning workshop.

Carol Burke, activity director from Leader's Nursing and Rehabilitation Center, was guest speaker for the afternoon session. She enlightened the group on the professional aspects of the Center such as Caring For The Body, Caring For The Mind and Caring For The Spirit of the guest of the home, and also suggested that many others can become involved in the volunteer program of the home.

Fund raising project for 1981-82 Grange year for the Women's Activity group will be selling tickets for two homemade, battery-run Clocks. The Clocks were chosen especially for the project from the designer of clocks, Robert Swengel, Jr. Tickets are available from the Women's Activity Chairman of each Subordinate Grange.

Lebanon Co. Society 20

Lebanon County Farm Women 20 met at the home of Mae Stamm.

Millie Donmoyer gave a Tupperware demonstration.

The Halcyon Club sent a thank-you note to the group for serving refreshments at their October meeting.

A Thanksgiving gift certificate will be given to a needy family.

There will be an officer's meeting at the municipal building on December 2. Each member brought a written recipe plus a sample of the same.

The next meeting will be held at the home of Vickie Tomazin on December 15.

Lebanon Co. Society 14

The Lebanon Co. Farm Women 14 meeting was at the home of Rosie Gingrich.

"Come as you are" was the theme.

Fourteen members were present.

Cumberland Co.

(Continued from Page B12)

She remarked that her love of nature's things prompted her to find ways to bring the beauty indoors. Consequently, she said she began experimenting with cornhusks, learning how to wet the husk and fold this way and that to make cornhusk wreaths and centerpieces.

She displayed numerous creations of hers--a shredded cornhusk wreath, a bow wreath made with cornhusks and wreaths constructed with a variety of dried flowers and cornhusk.

"I use my imagination with nature. I gather shumack, Chinese lanterns, silver kings and berries to add to the decorations, giving them the right amount of color for a festive touch for the approaching holiday season."

Mrs. Heine divulged her drying techniques to the group. She stated, "You must pick the berries, flowers and grasses at their peak in the growing season. The second step is to strip the plant of its leaves and hang upside down in a dry place with a good air flow. If you follow these steps the plants will last forever."

She concluded, "My secrets have been revealed, but I am glad to share these few tips with you."

Children's Bell Choir from Silver Spring Church entertained the group with the oldest instrument in the world: the bell. The 12-member choir rang out numerous selections with the 12 to 24 different sized bells.

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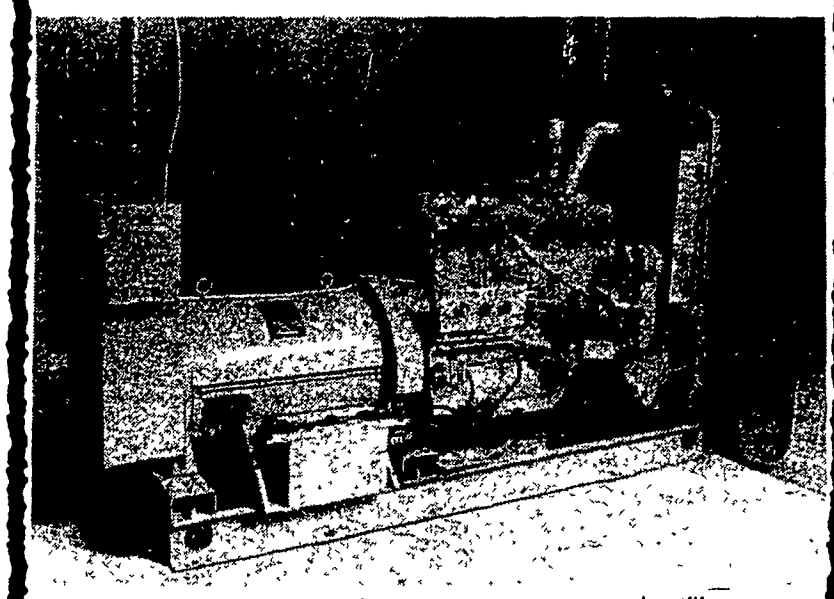

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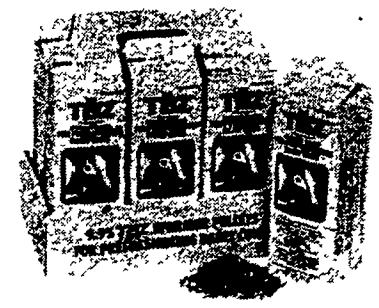

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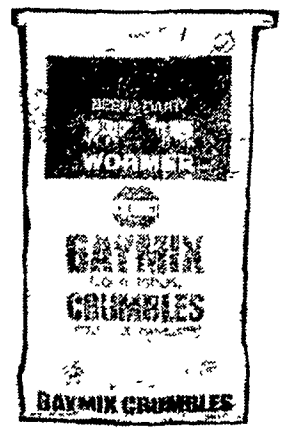

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Hazardous dump involvement changes York countians' lives

BY JOYCE BUPP
Staff Correspondent

SEVEN VALLEYS — Stacy Marsh, R1 Seven Valleys, leafs through a date book jotted full of notes, appointments and meetings.

"Oh yes, here it is, right next to the reminder to 'provide snacks for school,'" she laughs, pointing to a notation of a certain meeting several months ago.

Stacy, like many of her North Codorus Township neighbors, has seen her personal life drastically change after becoming involved in a fight to stop proposed hazardous waste dump that would be located just a few hundred yards from the Marsh family's small beef farm.

Her husband, Steve, heads OUCH, Inc. Opposing Unnecessary Chemical Hazards, the citizens group formed to spread public awareness and do court battle against the dump site licensing.

"Most people didn't give us a prayer," Stacy reflects after a year of public outcries and legal involvement by OUCH. "That should give hope to anyone in a similar situation. It's really never too late."

OUCH, and its auxiliary MAD, Mothers Against the Dump, received one unwelcome setback just last week. The state's Department of Environmental Resources handed down a precedent-setting decision decertifying certain products of the Liqwacon Corporation that had formerly been classified toxic.

Liqwacon, a York firm, is one of the two principals involved in attempts to get zoning and licensing to store hazardous materials at a North Codorus hillside site used in the mid-1970s as a solid waste landfill — shut down due to violations.

Steve Marsh claims all Liqwacon is doing is adding more non-toxic materials, such as lime, to the wastes, to simply dilute the acids, alkali and heavy metal sludges to a class of non-toxicity.

Stacy was among a group that recently greeted visiting potential business associates of the Liqwacon firm with a picket line.

"They called us 'a frivolous nuisance,'" she relates with relish.

Liqwacon has called OUCH a "valuable watchdog" of industry, and invited the group to tour their York facilities.

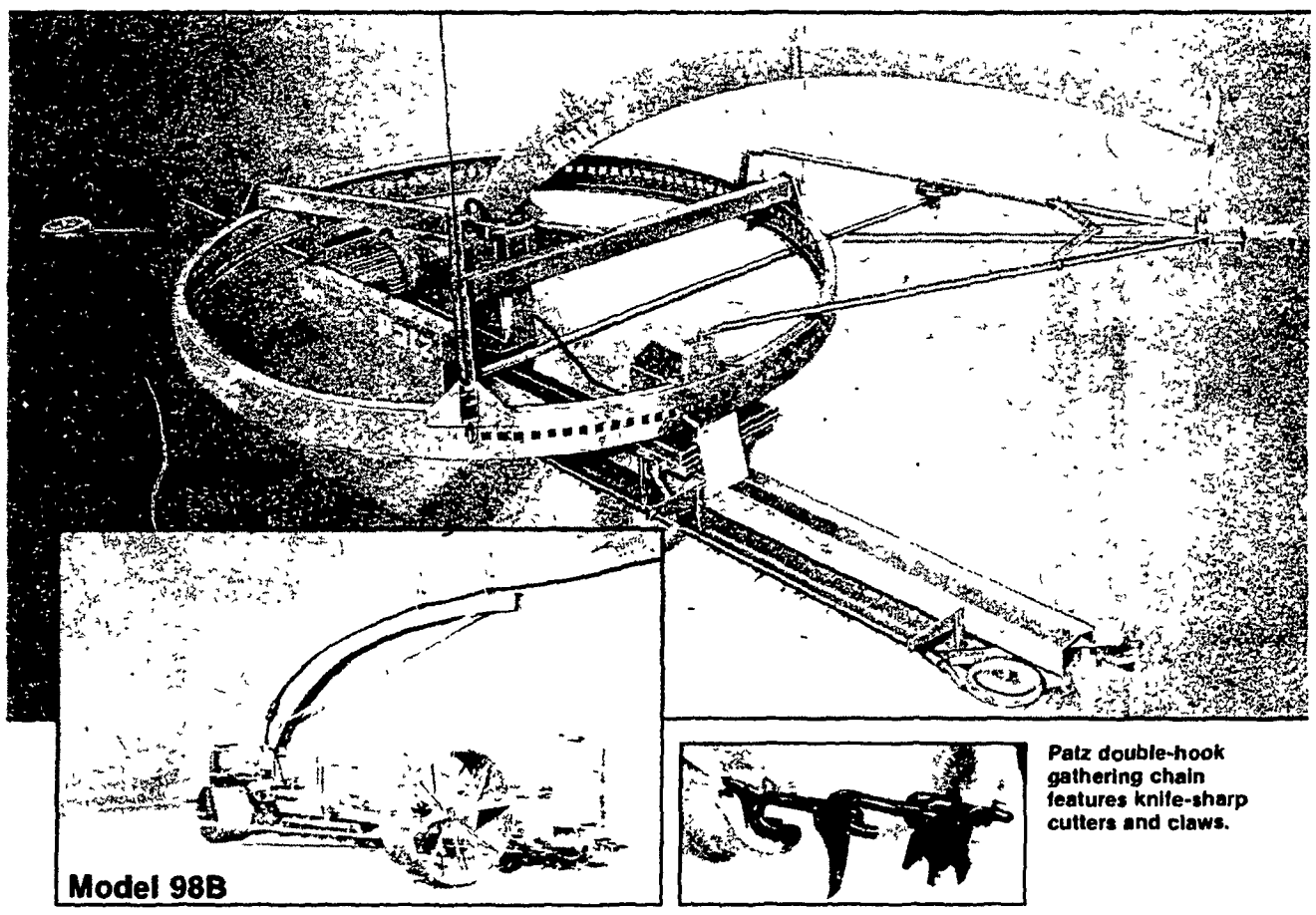
While the fight to halt the

(Turn to Page B16)

Thousands of dollars have been raised to fight the North Codorus hazardous waste site licensing, including funds being gathered through the Lecrone family's recycling center. Helping to load cardboard are, on truck, Mike Lecrone, Jr., and Mike Lecrone, Sr., with the youngest Lecrone, Matt, supervising from his perch atop the load.

Rip Through Frozen Or Hard-packed Silage

with Patz ring-drive or surface-drive silo unloaders.



Patz double-hook gathering chain features knife-sharp cutters and claws.

Chain-saw action easily cuts silage loose. The Patz gathering chain loosens hard-packed or frozen corn silage, haylage or high-moisture corn and quickly gathers it into the powerful blower. The Patz high-speed power cutter with 4 self-sharpening, hardened-steel blades hugs the silo wall to eliminate silage buildup.

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Hazardous dump

(Continued from Page B15)

dumping in their community has claimed endless hours and an emotional entanglement for those in the key leadership roles of OUCH and MAD, it has likewise demanded money.

Legal fees, hydrological research, and consultants are expensive, and so the past year has also been one of massive, on-going fund drives.

To date, nearly $60,000 has been raised, a large percentage of it banked against the costs of the tightening web of lawsuits woven around the controversy.

One grant of $6,000 came from the York County Council of Churches. Another $6,000 was added when the citizens of Green Valley and the surrounding areas gathered a veritable mountain of bottlecaps to win the Allegheny-Pepsi Bottling Company's bottletop collecting campaign.

Collecting product proofs of purchase from a variety of consumer items became another widespread community effort in an endeaver to add more to OUCH's coffers in a WNOW radio station contest.

And then there has been a non-stop schedule of dances, raffles, sub-sandwich sales, garage sales, street fairs, and generous donations from private citizens and community organizations.

OUCH and MAD are quick in their praise of the continuing support of the community, from individuals, businesses, churches, and community service groups.

Their personal committment to stop the dump, as well as contribute to the fund raising, has completely changed the life of the Michael Lecrone family, R1 Seven Valleys.

The Lecrone's orchard and poultry farm lies directly across the valley from the Sunny Farms-Stabatrol-Waste Management proposed hazardous waste burial hillside. All six members of the family have been caught up in the forefront of the controversy since they discovered, well over a year ago, the proposals for the land adjoining theirs.

Because they so strongly support the concept of recycling, Mike and Donna Lecrone have since turned their farm into a recycling center. Large wooden crates are receptacles for the community's newspapers, cardboard, bottles, tin and aluminum cans.

By their estimates, the Lecrone's spend nearly 20 hours weekly, all voluntary, toward the recycling efforts, handling about ten tons of recycled materials per week.

And every cent goes toward the legal fund to stop the dump.

Aided by their children, Catherine 18, Mike, Jr., 17, Rebecca, 15, and little Matthew, 4, the family sorts, stacks, smashes and flattens materials, than hauls them to various area dealers for sale. They also pick up recycling glass and cardboard from some York area companies, and haul that for sale, too. Right now, reckons Mike Lecrone, the price of paper is so low that he's almost paying for the privilege of knowing its recycled.

"We never stopped to think how much material was buried in landfills until we became involved in this," he adds. "Since we're pushing recycling as an alternative to dumping, we felt it necessary to back up our words with actions."

Lecrone has been drawn into another form of public service since he jumped into the dump fray. He recently won election to the board of supervisors of North Cordorus Township.

Both the Lecrones and the Marshes have become active public speakers, sharing their stories several times monthly with a variety of community and church groups, and they express a willingness to discuss the hazardous waste and recycling problems with any organization.

Stacy Marsh and Donna Lecrone both serve on a DER roundtable group, along with representatives from such diverse organizations as the Sierra Club, and the League of Women Voters. And Stacy also is a member on an EPA steering committee on a waste alert program. Both couples have attended numerous conferences, workshops and seminars, across the state and in Washington D.C., during the past several months.

Steve and Stacy Marsh, and Mike Lecrone, testified against the confirmation of state Environmental Secretary Clifford Jones' appointment to the board of the Public Utility Commission during hearings in Sept. and Oct.

Their arguments were based on the premise that Jones was more apt to lean toward industry and manufacturing needs, rather than be responsive to citizen input. Mike represented OUCH at the hearings, while Stacy read letters from other citizens into the recorded testimony. Steve Marsh spoke for PURE, Pennsylvanians United to Rescue the Environment.

As part of their continuing efforts toward public education on environmental issues, OUCH and MAD now plan to sponsor a student high school essay and elementary grade poster contest on the theme "An Alternative to Dumping."

Reading materials on the waste disposal issue are concurrently being placed in the York County Library System and into the libraries of the county's public schools.

"We've learned that hazardous waste disposal is an ongoing problem, not just one issue limited to our community," asserts Stacy Marsh. "Maybe we can stir the mind of one young scientist who will someday help find a way to safely reuse today's toxic materials."

F.W.S. Calendar

Wednesday, December 2

Lancaster Society 24 meets at the home of Anita Hess for a program centered on advent calendars

Thursday, December 3

Lancaster Society 15 meets for a Christmas Party at Rhoads Restaurant

Friday, December 4

Berks Society 6 meets for a Christmas Party

Saturday, December 5

Lancaster Society 1 meets with Mary Kurtz to hear speaker Jesse Garman

York Society 1 meets for a Christmas party

Lancaster Society 17 meets at the Chestnut Level Church house for a Christmas party and covered dish supper

Lancaster Society 12 meets for a Christmas party at Lion's Community Building

Snowmobile safety course available

LANCASTER — Area snowmobilers interested in taking the Pennsylvania Snowmobile Safety Course may enroll for the course, according to Robah G. Hess, who has volunteered to organize the program in this area.

This program is geared for youngsters 10 to 15 years, but all snowmobilers age 16 and over are invited to take the course.

The course consists of three 2½ hour sessions. The safety training program will be held at Southern Lancaster County Farmers Sportsmen's Association beginning Jan. 7 at 6:30 p.m. There are no charges for the safety course.

Snowmobilers and potential snowmobilers may enroll for this safety course by calling 786-2853 or by completing forms available at Wenger Implement, at the Buck, phone, 284-4141.

Robah Hess urges area snowmobilers to enroll now as class size is limited to the first 30 people who apply.

Youths between the ages of 10 to 16 years of age must have the snowmobile safety certificate before they operate a snowmobile on any land except on land owned or leased by their parents or legal guardians.

The three dates the course will be held are January 7, 14, and 21, from 6:30 p.m. to 9 p.m.

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Bill and Jane Endslow, brother and sister, walked away with the champion and reserve champion titles, respectively, at the capon contest. With them is buyer Abe Groff, who purchased the champion capons.

Brother, sister win capon contest

MT. JOY — The Mt. Joy Rotary Club 4-H capon round-up was held Tuesday, November 19, with a brother-sister duo emerging winners.

Taking top honors were Bill Endslow and his sister Jane. Bill had the grand champion pair which was auctioned off to Abe Groff for $121.

The reserve champion pair, shown by Jane Endslow, was sold to Elvin Yeagley and Lloyd Heisey for $45 each. Bill and Jane are the children of Mr. and Mrs. William Endslow, RI Marietta.

Other 4-H'ers in the show were Doug and Greg Musser, sons of Mr. and Mrs. Harold Musser, R3 Elizabethtown; Steve Godshall, son of Dr. and Mrs. Stanley Godshall, Rheems.

Herb Jordan, poultry specialist with Penn State Extension served as judge.

CHRIS CLOVER

Herb Jordan, right, served as judge for the Mt. Joy capon round-up. Here 4-H members look on as he judges. They are, l to r, Greg Musser, Doug Musser, Steve Godshall, Jane Endslow, and Bill Endslow.

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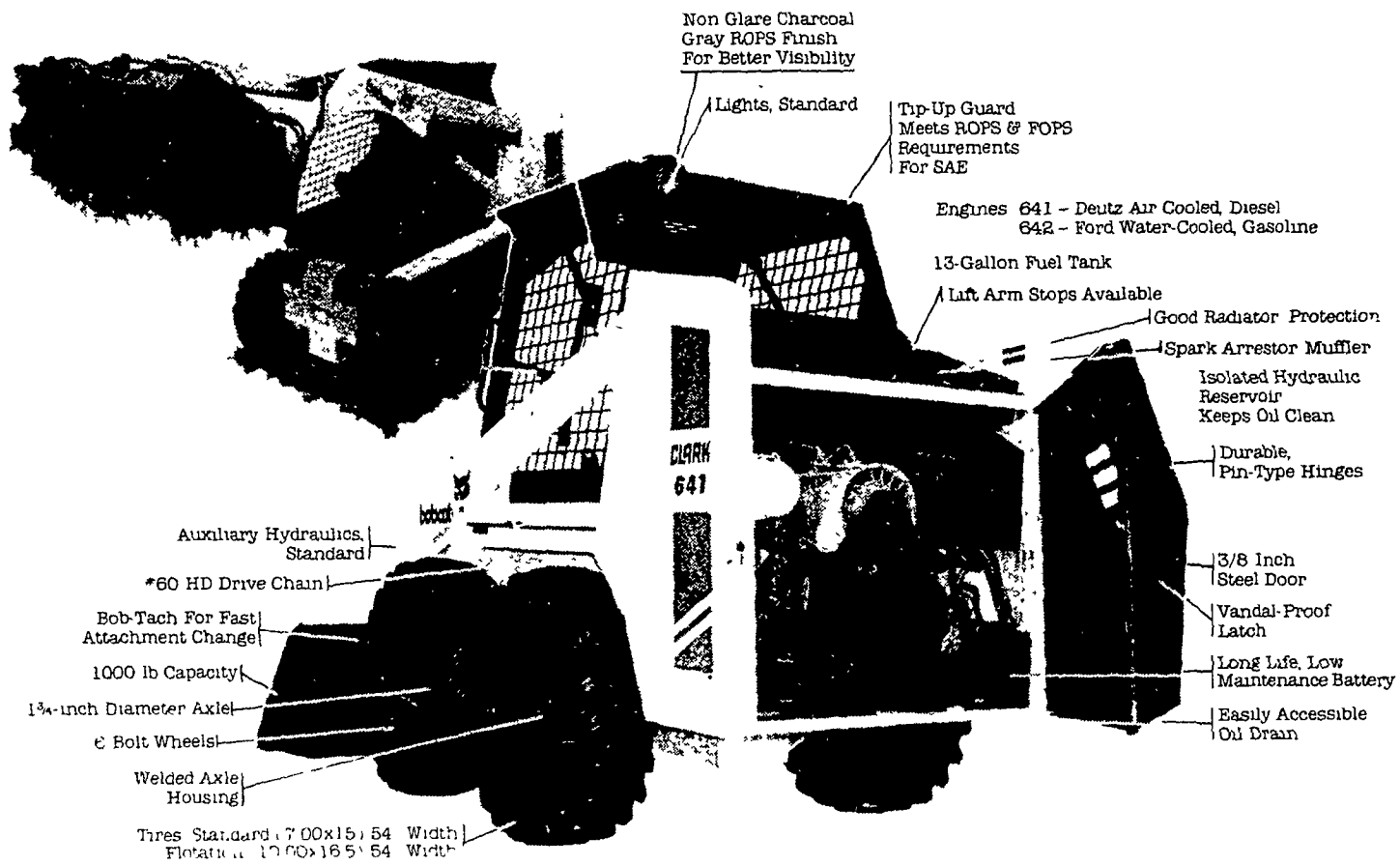

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York holds lamb club banquet

YORK — The 30th annual 4-H York County Lamb Club banquet was held at the 4-H Center on November 13, with the Airville members hosting.

For the program, the County Line band entertained.

The election of 1982 officers was held with the following results: president, Linda Waltersdorff; vice-president, Jimmy Caudill; secretary Pam Jefferis; treasurer, Brian Bankert; news reporter, Lesley King.

USDA reports export sales for China

WASHINGTON, D.C. — Private exporters last Tuesday reported to the U.S. Department of Agriculture export sales of 400,000 metric tons of wheat for delivery to China during the second year of the U.S.-China Grain Agreement.

Exports will be made during the 1981-82 marketing year, which runs from June 1 to May 31.

To date, China sales for delivery during the second agreement year — Jan. 1 to Dec. 31, 1982 — total 1,372,000 tons of wheat.

China sales and exports of wheat and corn for delivery during the first agreement year — Jan. 1 to Dec. 31, 1981 — total 7,449,800 tons of wheat and 342,900 tons of corn.

This includes 2,759,000 tons of wheat and 215,100 tons of corn for the 1980-81 marketing year, and 4,690,800 tons of wheat and 127,800 tons of corn for the 1981-82 marketing year.

Wayne County offers steer feeding program

HONESDALE — The 1982 Wayne County 4-H Market Steer Feeding Program will be starting soon.

All young people between the ages of 8 and 19 interested in 4-H beef feeding are encouraged to enroll in this 4-H project.

The beef steers will be put on feed on December 1. Most of the steers will be fed grain, hay and water plus salt and minerals. Other forages that are fed to some of the steers include: high-moisture corn, haylage, beet pulp and corn silage.

The 4-H beef steers should be 100% beef blood. Over the past few years, a majority of the steers have been Polled Herefords, with the other steers being Angus, Charolais and Crossbred steers like the Angus-Hereford cross, the Hereford-Simmental cross and the Angus-Simmental cross.

All of the steers will be ear-tagged, weighed and implanted with a growth promotant after December 1. Beef steers should weigh between 350 and 500 pounds when they are placed on feed.

The 4-H member then has the responsibility of feeding and managing the beef steer for the next eight months. This includes feeding the steer properly, making sure that the steer is free of internal and external parasites, keeping the steer dry and comfortable and teaching him how to lead and respond to commands.

The highlight of the 4-H Market Steer Feeding Project is the Wayne County Fair. All of the beef steers are exhibited in the Wayne County Junior Market Steer Show. The steers compete in "type or conformation" classes, and the 4-H member competes for showmanship and fitting awards.

The 4-H Market Steer Feeding Program concludes when the steers are sold in the Junior Livestock Auction, which is held on Saturday evening of fair week.

Additional information about the 4-H Market Steer Feeding Program can be obtained by contacting the Wayne County Extension Office at 253-5970, extension 114 or by visiting the Extension office which is located in the basement of the Wayne County Courthouse.

The absolute deadline for enrolling in the Wayne County 4-H Market Steer Feeding Program is Tuesday, December 1.

FFA and 4-H members, take note:

LANCASTER — If your FFA or 4-H group is voluntarily spreading the Christmas spirit this year by doing for a needy group or family or by giving of some donations, send us a picture and the information on your group. We will publish it in the December 21 issue.

All submissions should be in by December 17. A black and white picture is preferred. Please include the name of your club, address, dates of events, service done, and names of those who apparently picture.

Schuylkill Co. begins leader puppy program

SCHUYLKILL HAVEN — The Schuylkill County 4-H program is about to embark on a new adventure - the Leader Dog Puppy Program. This program is sponsored in cooperation with the Lions Clubs. There will be a special information meeting on Thursday, December 3, at 7:30 p.m. in the Conference Center of the Schuylkill Campus of The Pennsylvania State University.

The leader dog specialist from Penn State will present this informative program and answer your questions. If you are interested in raising a leader dog or just would like to hear more about the program, please join on December 3. All of the Lions Clubs in Schuylkill County have been invited.

Lincoln 4-H club holds capon contest

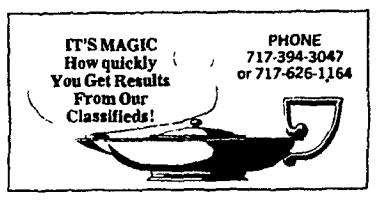
LINCOLN — The Lincoln 4-H community club recently held their annual capon contest under the sponsorship of the Denver Lion's club.

Tony Eberly, local poultry farmer and FFA member served as judge. The champion trophy was sponsored by Galen's Hardware of Ephrata.

Winners in this year's contest are as follows:

1. Ed Redcay, 12, son of Mr. and Mrs. Edward Redcay of R2 Denver; 2. Mike Pfautz, 17, son of Mr. and Mrs. Leroy Pfautz of Rl Stevens; 3. Tim Pfautz, also son of Leroy Pfautz; 4. Andy Gehamn, son of Mr. and Mrs. Roland Gehman of Rl Stevens; 5. Randy Fox, son of Mr. and Mrs. Dan Fox, Rl Ephrata; 6. John Bollinger, son of Mrs. and Mrs. Ray P. Bollinger of Rl Stevens; 7. Andy Graybill and 8. Dwight Graybill, both sons of Mr. and Mrs. Donald Graybill of Rl Stevens.

The champion capon sold for $70 and the average for all capons was established at $23.62.



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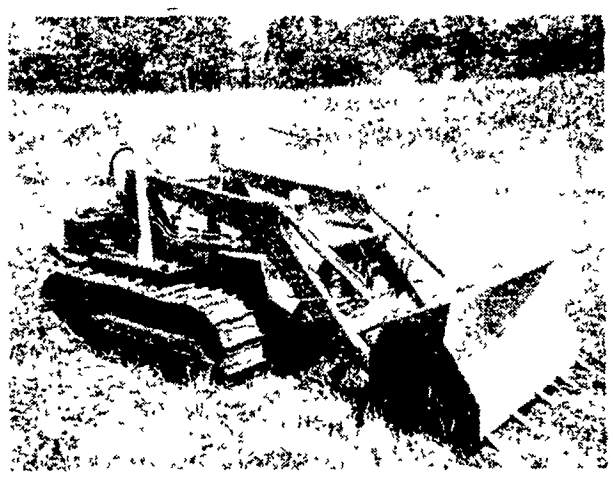

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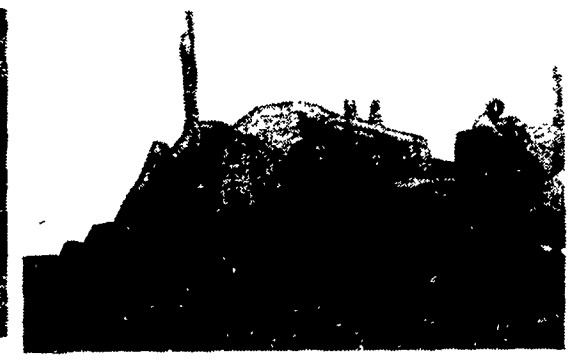

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PENNSYLVANIA LICA

Penn State livestock team ranks 4th in nation

LANCASTER — Winning fourth place in the nation, and the individual championship, were achievements of Penn State students competing in the National Intercollegiate Livestock Judging Contest held recently at Louisville, Ky.

The individual champion was Brenda A. Werner of R2, Hanover, daughter of Mr. and Mrs. Dale J. Werner. Mrs. Werner is a junior majoring in animal production.

The Penn State team ranked first in judging sheep, third in beef cattle, and 15th in swine. The top five teams nationally were Oklahoma State, Iowa State, North Dakota State, Penn State and California State at Fresno.

As national champion, Brenda Werner placed first in swine, first in giving oral reasons, sixth in beef cattle, and seventh in judging sheep.

In addition to Ms. Werner, the team included the following:

Mary E. Streett of Box 52, New London, a junior in animal production. Mary is the daughter of Dr. C. Spencer Streett. She placed seventh in judging beef cattle and tied for 10th in judging swine and in overall scoring.

Dale A. Rains of R2, Mercer, a senior in animal production and the son of Mr. and Mrs. Austin C. Rains.

Robert L. Hough of Star Route, Alexandria, a senior in animal production and the son of Mr. and Mrs. H.V. Hough.

Lee J. Johnston of R2, New Alexandria, a senior in animal production and the son of Mr. and Mrs. Edward H. Johnston.

Erskine H. Cash, Penn State coach, spoke of Ms. Werner's first place win as "an amazing 954 points out of a possible 1,000."

She is a member of the Golden Key National Honor Society for scholarship and has a 3.5 overall average out of a possible 4.0 at Penn State. In 1978 Ms. Werner was high individual in 4-H Achievement Days at Penn State and went on to win third place in national 4-H achievement competition.

The assistant coach was Daniel Loy of Centre Hall, graduate assistant in animal industry.

Fourth in the nation is the ranking won by this 1981 livestock judging team at Penn State. Left to right, front row, are assistant coach Daniel Loy, Mary Streett, alternate Gail Snyder, Brenda Werner, and Erskine H. Cash, coach. Rear row, left to right, Dale Rains, Robert Hough, alternate Jerry McCammon, Lee Johnston, alternate Tim Beck, and alternate Ted Teaford.

(This is not a misprint)

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Can we solve the problem of contraband foods?

LANCASTER — Each year 45 million travelers enter the continental United States. Along with the usual souvenirs and remembrances, these travelers often bring with them prohibited agricultural products which may carry exotic pests and diseases not normally found in the country.

Agricultural Research Service researchers and cooperators are working to solve what is a multibillion dollar problem—the detection of contraband products entering the United States, says Terry Kinney, Jr., acting administrator of Agricultural Research Service.

P. Gary Snyder, chief staff officer, Port Operations Development Staff of USDA's Animal and Plant Health Inspection Service, explained the research challenge laid out by APHIS.

"We need an inexpensive instrument that can quickly probe, look at, or sniff baggage as it moves across a conveyor belt, and detect contraband agricultural products," he said.

APHIS tries hard to maintain a tight barrier against introductions of plant and animal diseases and pests. The agency carries out this responsibility primarily by working with other border clearance agencies, such as the U.S. Customs Service to examine incoming travelers' baggage for contraband.

Snyder said that with increasing numbers of travelers, especially air passengers, there is an urgent need for a mechanized detection method.

Currently, he concedes that a considerable amount of contraband agricultural products carried by travelers entering the U.S. gets through without detection. "The problem of imported pests is intensified," Snyder says, "because they don't have natural enemies in this country."

In 1980, APHIS inspectors found over 502,000 pieces of prohibited fruits, vegetables, and plants in travelers' baggage; more than 14,000 quarantined insect pests were found and removed from that contraband. In addition, over 229,000 pounds of potentially danagerous meat and animal products were confiscated.

"In 1980, APHIS inspectors found over 502,000 pieces of prohibited fruits, vegetables, and plants in travelers' baggage; more than 14,000 quarantined insect pests were found and removed from that contraband. In addition, over 229,000 pounds of potentially dangerous meat and animal prdoucts were confiscated."

"It is difficult for travelers to believe that just one insect-infested orange, for example, can cause a widespread infestation leading to millions of dollars in lost agricultural crops, not to mention the additional millions of dollars spent for eradication measures," Snyder said.

Over a year ago, the Mediterranean fruit fly, which had been eradicated in the U.S. in 1966, was discovered in California—perhaps arriving in a piece of fruit carried by an unsuspecting traveler. About $28 million has already been spent by State and Federal governments to eradicate the fruit flies. Additional millions and an aerial pesticide application program will be necessary before eradication can be achieved. And if medflies spread to all of California's prime agricultural areas, the loss of crops plus eradication measures could total $450 to $500 million per year—not to mention the costs of a serious infestation in Florida and other fruit- and vegetable-producing states.

In addition to crops, the American livestock industry could suffer tremendous losses from the introduction of foreign animal diseases. For example, Rift Valley Fever is an African viral disease affecting cattle, sheep, and humans. It recently increased in virulence and is now rapidly spreading to countries in the Mediterranean area. The disease is a serious threat because during the incubation stage, humans can unknowingly carry it to any part of the world where the disease can be introduced into the livestock population. Livestock losses can be exceptionally high as recently experienced in Egypt where a 25-percent loss of the livestock population was attributed to Rift Valley Fever.

Pests like the khapra beetle, the Asiatic rice borer, the apple leaf roller, flag smut of wheat, and the giant African snail could all wreak havoc on U.S. agricultural productivity.

Reginald Handwerk, ARS national research program leader, Processed Fruits and Vegetables, said ARS research efforts are focused on three approaches to the contraband detection problem. One approach involves detecting food odors in luggage, another concentrates on identifying contraband through the use of x-rays, and the third utilizes sophisticated eletromagnetic devices.

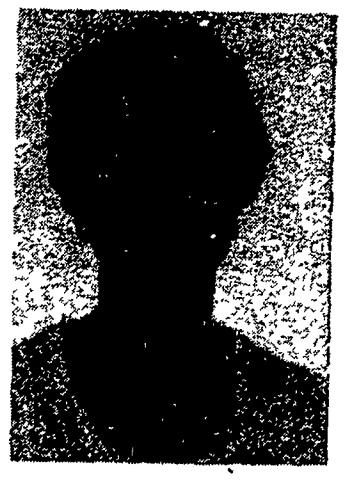
Any detection method must be able to deal with the wide range of objects and materials transported in luggage and the many designs

(Turn to Page B28)

James Purcell (left) and Paul Magidman discuss infrared spectra used to fingerprint odors. A combination gas chromatograph and infrared spectrometer separates compounds in the odors and identifies them by distinctive peaks and valleys on a printout.

Thomas Schatzki and Richard Young, electrical engineer, compare stored TV image of suitcase items with actual contents. The suitcase was opened after it emerged from the x-ray scanner. Such comparisons will help Schatzki perfect an x-ray system to electronically detect contraband items.

James Cavanaugh explains how insects, spores, and larvae can be prevented from entering the United States by electronic detection of host items.



On being a farm wife -And other hazards

Joyce Bupp

This column is a tribute to those brave, hardy, tireless souls, devoted undyingly to their cause, undetered from their rounds by storm or sleet, snow or rain, or dark of night.

Deer hunters.

Having stumbled across winter-starved deer in the mountains near our hunting camp, and knowing the thousands of dollars of loss inflicted on our fellow farmers by hordes of corn and hay-hungry-white-tails, this annual harvest of deer does serve a useful purpose to agriculture. A dead, starvation killed deer is not a pretty sight.

I do wish, however, the Game Commission would outlaw party driving of deer in wooded areas of less than fifty acres.

But enough of the sermon.

And on with the reason for this tribute.

Men, who normally wouldn't find, fold or furnish their own clothing and sundries for love or money, become busy with these mundane chores when they involve hunting gear.

That means accumulating and packing everything from an extra pair of heavy wool socks to digging out the time worn fuzzy hat, with ear warmers please, rolling up a fat sleeping bag, and stashing away the ammunents and mortar rounds. And don't forget the raincoat, snack items, extra boots, gloves, etc., etc., and all that other stuff hunters claim they need.

We've long teased a certain hunter of family acquaintance about his love-affair with brown paper grocery bags he uses to stash all that gear for the trek northward to Potter County.

But after the packing experience of a neighbor's a few years ago, I rather suspect the paper-bag packer is onto something.

Seems this fella neatly packed together all his gear-coats, sleeping bag, hunting license—into secure, waterproof plastic garbage bags. Then he set the stuffed bags in the garbage, where he could grab them and run when mountain take-off time came.

Enter the villian, another member of the family, innocently on his way to carry out the family's weekly accumulation of trash.

You're getting ahead of me.

Sure enough, the garbage bags that went out along the road for pickup were the same ones bulging with hunting gear.

If there's a moral to this tale, perhaps it's that the men of the house should be responsible for carrying out the garbage.

Or, maybe they should just stick to brown-bagging it.

Tax law changes filing forms

KANSAS CITY, Mo. — When you go to file this tax season, you'll find that your tax forms have changed. Many of the revisions reflect changes brought about by the 1981 Economic Recovery Tax Act passed this year.

Among the most significant differences is the government's clear encouragement to use the short form 1040A by making more taxpayers eligible.

Last year, taxpayers were unable to use the short form if they had income over $20,000 (or $40,000 where the taxpayer was married and filed a joint return.) The same applied where the taxpayer had more than $400 in interest or dividends, unless the taxpayer was filing only to get a refund of the earned income credit.

This year's returns however consolidate last year's filing status tax tables into one table, covering up to $50,000 of income, making the short form usable by more taxpayers.

Thomas M. Bloch, president of tax operations for H & R Block, Inc., says that taxpayers should take a "close, hard look" before deciding to sue the simpler short form for any type of income bracket:

"Traditionally, as tax processing is simplified, the taxpayer tends to lose out on important opportunities for taking advantage of tax breaks, regardless of income level," said Bloch. "You may save time, but at the cost of wasting tax dollars."

Among changes taxpayers may expect are reporting procedures for interest and dividend income, Bloch adds. For 1982, interest and dividend income sources are listed on the back of the 1040A, which is a change. This means that the IRS has eliminated the requirement that taxpayers with over $400 in interest or dividends must use the long form.

Another noteworthy change of interest to consumers is on Schedule A. Separate lines for the deduction of the cost of transportation necessary for medical care, and the cost of having one's tax return prepared have been provided. Both items have been frequently overlooked by taxpayers. In addition, a separate line has been added for general sales tax paid on motor vehicles.

"Both the firt-time taxpayer and those who have been familiar with IRS tax return forms will undoubtedly have questions this year as a result of these and other changes," concludes Bloch. "As has been our long-standing policy at H & R Block, Inc., our tax preparers will be happy to answer the public's questions about both the new tax laws and the revised forms as tax filing season approaches."

7½ 12

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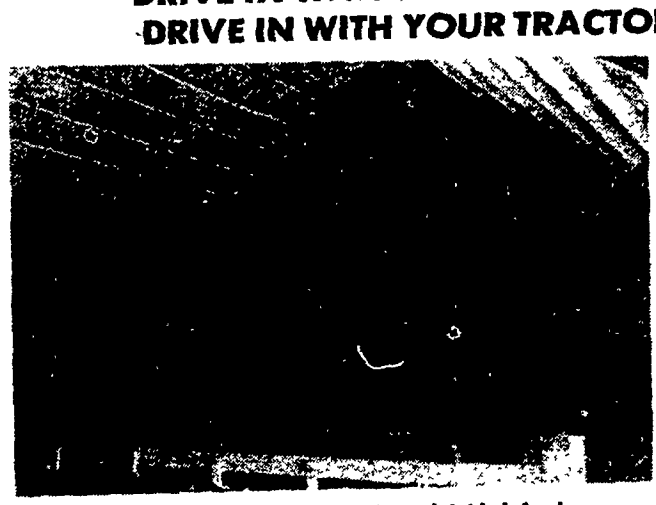

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Franklin Co. 4-H horse club earns honors

CHAMBERSBURG — The Franklin County 4-H horse and pony club was named high point winner on the Maryland-Pennsylvania horse show circuit at the 28th annual banquet, November 14, in Hagerstown, Md.

The club is comprised of members from Greencastle, Waynesboro, and Chambersburg.

A total of 19 awards were given to the 4-H members who accumulated the most points during the 25 horse shows which were held this past summer.

An engraved silver chip-dip dish was presented to each champion and a silver cup to each reserve champion.

Kathy Brown of Waynesboro received reserve champion awards in green hunter, junior hunter and English equitation B in addition to champion in youth English pleasure horse and pony B with her horse, K-Twice Saratoga.

Rodney Garling, Chambersburg, received champion pleasure pony A and reserve champion short stirrup equitation with Black Cloud.

Rhonda Garling, Chambersburg, received short stirrup equitation with Star Sioux-H.

Jamie Ott, Scotland, received champion pleasure pony B with Stormy Lad.

Tony Ott, Scotland, earned champion youth western pleasure horse and pony B with Social Image.

Beth Carty, Chambersburg, walked away with champion in youth western pleasure horse and pony A and champion in stock seat equitation A with Lad's Little Bits.

Angie Bailey received reserve champion in youth western pleasure horse and pony A with Diamond Leo Boy.

Mike Carty, Chambersburg, earned reserve champion stock seat equitation B.

Jennifer and Jackie DeShong, Greencastle, tied for reserve champion in youth English pleasure horse and pony A with Shadow Play. Jackie DeShong also won champion English equitation A.

Lori Weachter, Chambersburg, earned champion in stock seat equitation B and reserve champion in youth showmanship with Money Bait.

Members of the Franklin County 4-H Horse and Pony Club display the awards they received at the Maryland-Pennsylvania Horse Circuit awards Banquet, November 14. They are: back row (Left to right) Kathy Brown, Tony Ott, Jamie Ott, Mike Carty, and Lori Weachter; front row (Left to right) Angie Baily, Rodney Garling, Rhonda Garling, Kristi Weachter, Beth Carty.

New fungicide looks promising on potatoes

NEWARK, Del. — For a number of years Delaware potato growers have been experiencing a two to five percent yield loss to a disease complex called pink rot.

In 1979 University of Delaware Extension plant pathologist Bob Mulrooney began testing a new fungicide, Ridomil, for its effectiveness against this disease.

Results so far are very promising. Last summer Ridomil gave significant control of pink rot in all treatments as compared to an unsprayed control. This confirms previous results.

Mulrooney plans to repeat the tests again next year. But based on his findings so far, efforts are under way to help the manufacturers of the product get it labeled for use on potatoes. Right now the fungicide is used primarily on tobacco.

In the past, Extension specialists and researchers at the University of Delaware Agricultural Experiment Station have tried to identify potato varieties that are resistant to pink rot, but so far this method of control has not been very promising. Another control approach being studied is the use of cover crops and crop rotations to discourage a build-up of the disease in soils used for potato production.

Pink rot of Irish potatoes is caused by several species of water mold. Wet weather near harvest and poorly drained soils are known to favor development of the disease, which has plagued Delaware potato growers since the mid-1960s.

Pink rot can cause a breakdown of potatoes in the field, resulting in direct field loss. It may also cause apparently sound potatoes to rot in transit, resulting in rejection of whole truckloads of the crop.

In last year's trials at the University's experimental farm in Newark, the variety 'Superior' was sprayed with several different rates of Ridomil 2E. The fungicide gave significant control of pink rot in all treatments versus the unsprayed control, reports Mulrooney. He will repeat the tests again next year. By then he should have considerable data to support labeling of this material for use on potatoes to control pink rot, thus helping local growers solve a costly production problem.

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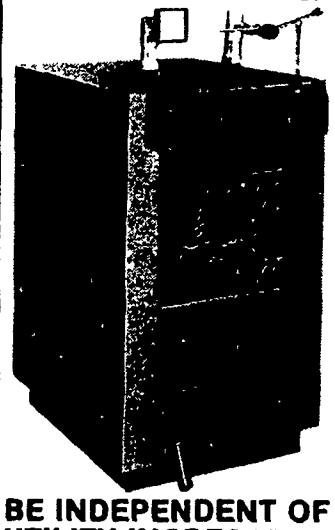

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Ida's Notebook

Ida Risser

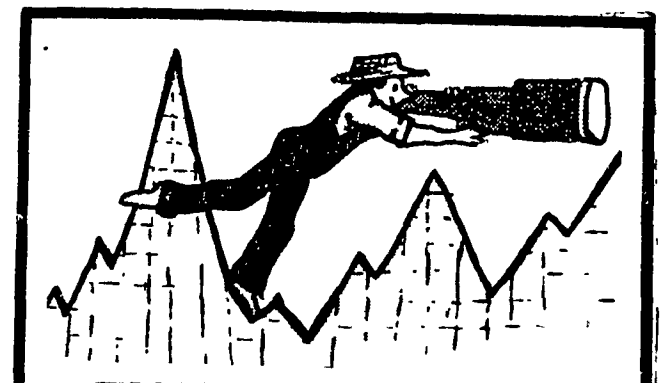
Lately we've been reading quite a few articles on stray voltage in the milk parlor and how it affects the amount of milk that cows will give. Sometimes the shock registers between 0.5 and 1.0 volts. Cows are said to be ten times as sensitive to electric shock as humans.

Well, I want to tell you that the milk parlor isn't the only place where stray voltage can cause a problem. The stove in the kitchen had been shocking me for weeks. But no one bothered to look into the situation or fix it until I really blew my top. Then, when a repairman came, he checked the two units that shocked me. Whenever I touched a metal lid or handle, he said I was getting a 75 volt shock. I wasn't that surprised as it was getting to the point where I dreaded to start a meal on the stove. Thank goodness, that is all behind me now.

But the house isn't the only place that has problems. The other morning my husband came in to tell me that two big heifers were dead, and so he phoned the scavenger. When I went out to look at them, I said, "The one is blinking." So, I phoned the veterinarian but all he could tell us was that probably there was a toxic weed in the hay. The second animal was never able to stand on her feet and so we lost two nice animals.

Maybe we could prevent some losses if only we could see into the future. This fall we had a lot of trouble with our harvester during silo filling time. First a bearing broke, then a new chain was needed, then a sprocket and finally I was sent for a new universal joint. You probably guessed it — after all these repairs, the machine was traded in on another harvester just to finish the job.

Somehow in farming these past 30 years, we've come to expect these kind of things to happen. We've experienced everything from the barn burning down to my husband falling off the roof and breaking his leg. But, things could always be worse.



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Read Futures Markets on Page 3.

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The Self-Help Crafts Shop

Shopping here will spread a little Christmas spirit

BY DEBBIE KOONTZ

EPHRATA — Now that the Thanksgiving holiday is behind us, our thoughts, our plans, and, especially, our purses seem devoted to that favorite of all holidays—Christmas. Are you having trouble thinking of just the right gift for everyone on your shopping holiday list? Of, if the gift idea isn't the problem, is finding the money to pay for it causing quite a headache?

Then here is a place for you to shop: the Self-Help Craft Gift Shop in Ephrata. This shop is a marketing outlet for skilled craftspeople in 20 countries around the world who, because they live in poor countries or are refugees or handicapped, sell their work to the shop in order to earn a living. The program is part of the Mennonite Central Committee, a relief and service agency supported by Mennonites and Brethren in Christ.

The MCC operates the shop on a nonprofit basis and actually sells the pieces at a price which includes only the craftsperson's asking price plus shipping and overhead costs. Therefore, items of brass, wood, ceramic, jute, and many more, are offered at a low retail price.

How would you like to give a brass candle stick holder costing less than $7 to a close friend? Wood belt buckles run at a low 70 cents. Nativity scenes handcarved from wood, run as low as $7.95. Know anybody who collects elephant figurines? nutcrackers? macrame? dishes? towels? They have them all and they're all handmade.

As you may have guessed, this is not a small operation. In fact, there are 42 stores like this one throughout the United States; and just as many in Canada. However, the difference is, this is where the program had its start and this is where the headquarters and central shipping point are located.

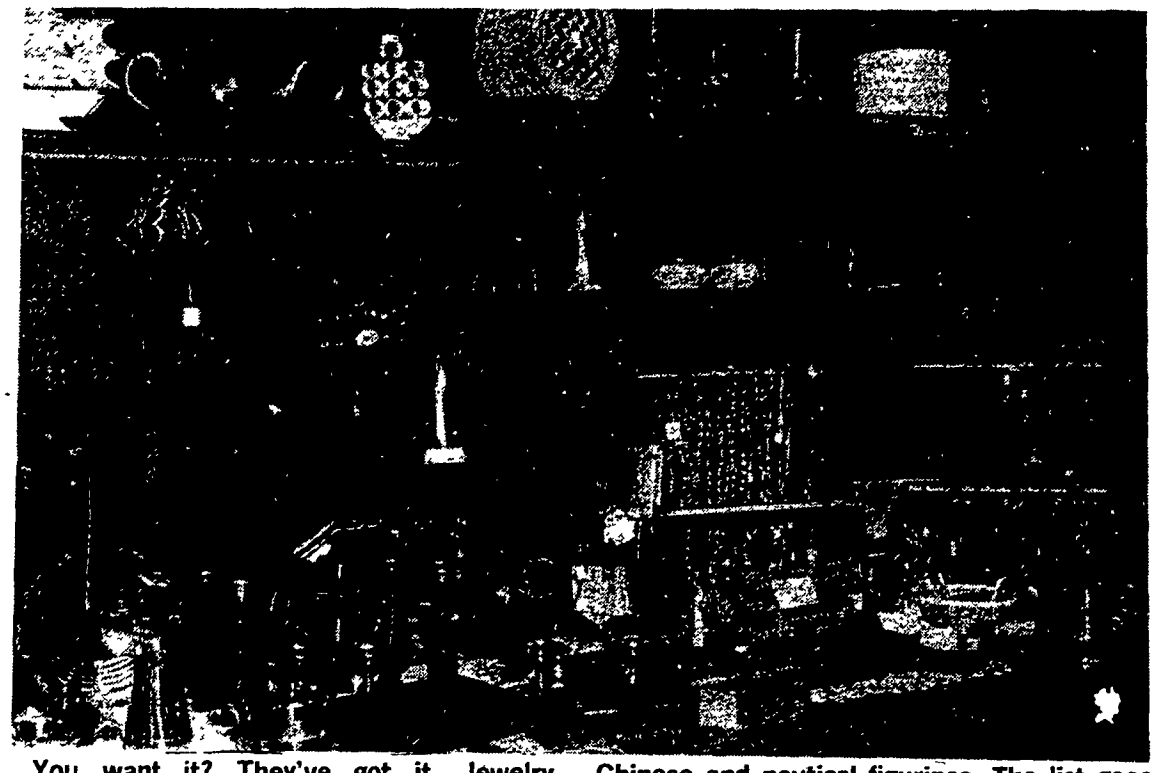
According to Paul Leatherman, director, the main goal behind the program is "a matter of providing employment for people in poorer countries." The fact that we as consumers benefit from the program, too, seems beside the point.

And it has always been this way, ever since Mrs. Byler of Ephrata first offered crafts from people in Puerto Rico in the late 1940's. These first few crafts were cross stitch tablecloths and napkins, and came to Mrs. Byler through the MCC who at the time was in Puerto Rico doing agricultural development.

Since then the program has grown to include over 20 countries. Among these are Taiwan, India, Bangladesh, and Haiti. Leatherman says he is expecting a shipment from Turkey shortly and expects Ecuador to follow soon. They also offer turquoise items from the Navajo Indians.

The business is growing about 30 percent a year through both the United States and the retail store in Ephrata. Leatherman says simply, "People recognize a bargain when they see it."

Selling is not done through the store only, however. Local groups interested in the shop set up booths at different affairs throughout the year. The Farm Women Societies operated a booth at the annual homemaker's holiday program this year and the Farm Show in January always includes a booth.



You want it? They've got it. Jewelry, baskets, candlestick holders, pictures, plates, mugs, brass items, wood boxes, belt buckles, Chinese and nautical figurines. The list goes on. And you're only looking at a shelf about six feet long.

Paul Leatherman, director of the Self-Help Craft program, looks over a shipment of three new handcarved wooden pitchers. Mr. Leatherman says he tries to pick items with the buyers in mind. His main concern - will people be proud to give it as a gift?

Recently a display was set up in Fairfield. This three-day event profited more than $36,000.

Of the crafts, Leatherman says, "They are all handmade. They have a very high degree of hand labor involved in each piece."

"Our intention is that the craftsman get payed an adequate wage according to their country's economy," he continued.

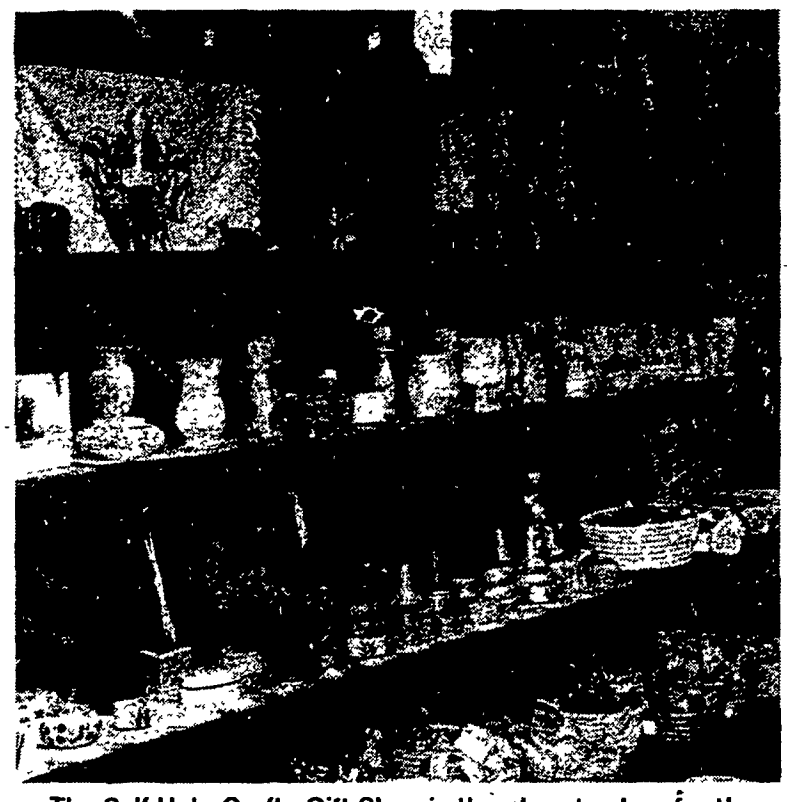
"If you understand the financial system, you'll know that what they make as a wage wouldn't be nearly as high as our salaries," gift shop manager Betty Rheinheimer added pointing at several hanging baskets. "You couldn't even buy the materials it would take to make a hanger with the money they get paid for it. And yet to them, it's very fair."

In fact, Leatherman admits that sometimes he has advised some craftsmen to raise their prices. His say is the final word on any item.

"Most customers come here to buy something as a gift for someone or to decorate their home, so I try to pick items with this in mind. We look at the producer. Who makes it? They must meet our criteria. Next we decide, is it done well enough that people will be willing to buy it? Will people be proud to give it as a gift? I work with the producers to make sure their quality doesn't drop."

Their biggest seller, according to Leatherman, is from India. Items made from Shesham wood, a reddish-brown wood, sell for an unbelievable low price. And to prove his point, Leatherman

(Turn to Page B25)



The Self-Help Crafts Gift Shop is the place to shop for the collector in your family. Elephants, bells and decorated towels line the shelves. In addition to these items, the shop has a large selection of macrame hangers and baskets. But the best news is - you'll be pleased with the prices.

These handcrafted nativity scenes are a favorite Christmas item. The scene in the middle sells for as low as $7.95. The one to the left goes for $9.95. The figurines? A low $9.95 to $24.95.

Betty Rheinheimer, gift shop manager, places some new items on the shelf. Betty says she loves working here and little wonder why - she is surrounded everyday by beautifully handmade items from all over the world.

Shopping here will spread a little Christmas spirit

(Continued from Page B24)

pointed to several small wood tables - each finely handcarved and decorated - selling at low prices under $10 and $20.

And the brass items are just that - solid brass.

The name of the country where the item originated is placed on each. "The reason for this is twofold. We're interested in you knowing where your purchase is from, and second, it's a legal requirement in our country."

"We're interested in selling as much as we can at as low as we can so the folks we help can buy food for their families. We also, therefore, can offer good gift and items to all of you at a low price. We want to use this shop as a means of building bridges between countries and to build the relationships of the people. This helps promote an understanding between the cultures."

How is that for Christmas spirit, year-round? And yet that isn't all. When you go to the shop, all you will see is bargain after bargain neatly displayed on rows of shelves. What you don't see is the batch of volunteer workers who come on a regular basis or just once a week to unload, price, and prepack these items for shipping to the other stores in the country. This is all done in the large warehouse behind the shop.

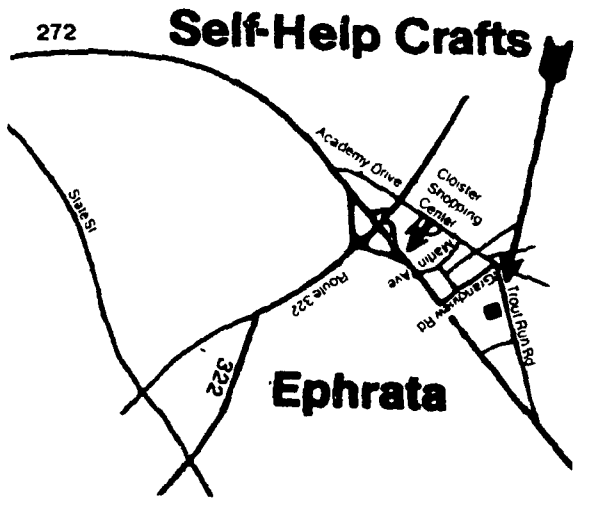
The warehouse is also the site of another branch of the MCC: the Material Aid program. Large barrels filled with teaching kits, food, clothing, bedding and bandages, all donated, are ready to be shipped out as the crafts are shipped in.

There is also a quilting room where volunteer quilters come to work everyday. According to Leatherman, these quilts are then sold at the Pennsylvania Relief Sale at the Farm Show in April every year. This money then goes to the MCC for work overseas. Since last November, the volunteers have made over 110 quilts.

The Self Help Crafts Shop may just be the place for you to finish your Christmas shopping; not only will you be buying a gift for a friend, but you'll be helping to feed a family over seas. That's true Christmas spirit.

Virtually unrecognized for their contribution to the MCC are these ladies who come on a regular basis to sit and sew quilts which are then sold at the Pennsylvania Relief Sale. They have made 110 quilts since last November.

These large barrels contain food, clothing, bandages, and bedding - all to be shipped overseas to needy families. The work is done through the material aid program, a division of the Mennonite Central Committee, in the large warehouse behind the gift shop.



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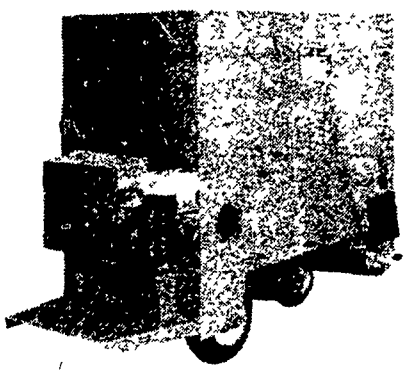

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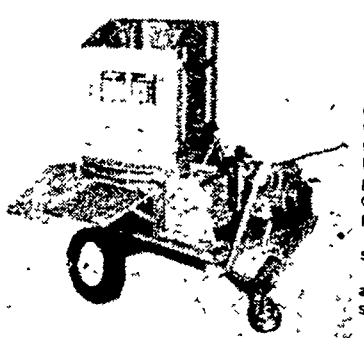

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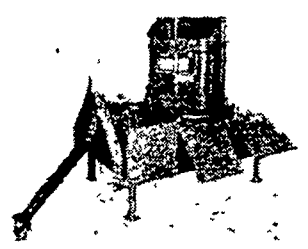

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Chester County holds dairy clinic

WEST CHESTER — What could possibly interest Lancaster and Chester County farmers enough to draw them away from their farms at the peak of corn harvesting season? A Dairy Clinic!

The site for this 1981 event was George Lamborn's farm at Oxford.

Arrangements for the day's outing were made by Roy Malik, Chester County's Dairy Agent for Pennsylvania State University.

The purpose of the clinic was to provide information to area farmers and youth to help them to start or improve a dairy operation. The importance of this type of practical exposure is obvious when considering the need for the farmer to keep profit margins at a maximum.

At registration each participant was asked to individually identify 10 feed additives that are commonly incorporated into a dairy ration. This proved to be the area where everyone seemed to show the least amount of expertise. For those who may mix their own rations, the need to increase their identifying ability became evident.

Next Jane Pepple gave a short talk on dairying ability and its relation to conformation. She emphasized strongly culling those animals that lack dairy character. Everyone then judged a class of dairy cows and a class of yearling heifers.

The problem of raising dairy beef was then discussed thoroughly by Cheryl Moran, Chester County's livestock agent. She explained what to look for when comparing the dairy and beef animal and how to care for those animals. A class of four was then judged.

After lunch Ellsworth McAllister was on hand to discuss what is expected of quality silage, haylage and alfalfa hay. He emphasized to everyone to trust their senses of sight and smell but that even the best forage was worthless if the animal refused to eat it. He also discussed problems such as sun damage and storage in the making of a good nutritional feed. Again, there was a class for each roughage type.

Testing the haylage at the Chester County dairy clinic were Ellsworth McAllister, area dairy farmer and 4-H leader; and Ken Thompson (right), Oxford vo-ag teacher.

The official placings were then discused with the judges and participants. The winners for the dairy clinic were:

—Adult Men: 1. Ed Breckvill; 2. Richard Hoopes; 3. Alvin Stoltzfus.

—Adult Women: 1. Jeanette Brooks, 2. Jean Yarnall, 3. Edna Ells.

—Youth - 1. Gerald Rohrer, 2. Bill Duncan, 3. Bryan Hoopes.

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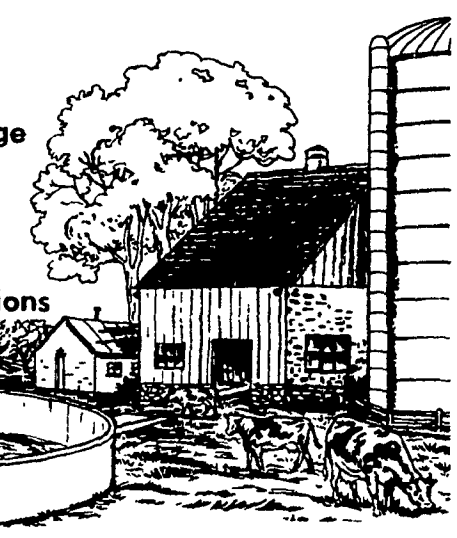

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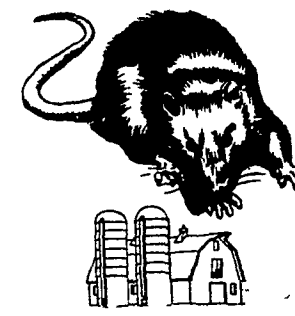

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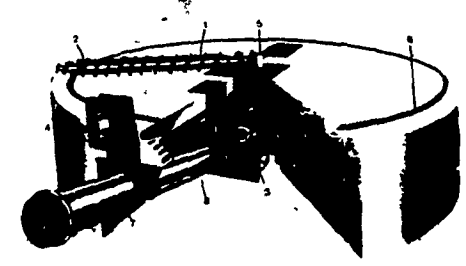

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Twin Valley dominates wildlife contest

ELVERSON — The Twin Valley FFA Chapter dominated competition in the southeastern Pennsylvania FFA Wildlife management contest at the Middle Creek Wildlife Management area on Nov. 18.

More than 75 FFA members from Lancaster, Berks, and Lebanon counties competed in the annual event.

This contest requires students to complete a written test on wildlife management, identify 10 Pennsylvania birds from a list of over 50, identify 10 mammals from over 50, identify 10 reptiles and amphibians, 10 fish, 10 wildlife tracks, 10 wildlife signs, 10 bird calls, 10 wildlife foods and identify species which would be found in various habitats.

Top Twin Valley student was Wade Bernard, Chapter vice-president and son of Mr. and Mrs. Charles Bernard, R2, Elverson. A senior at Twin Valley, he captured first place in the three-county contest. He won a silver medal in the state FFA contest at Penn State last June.

Capturing second place in Berks county and fourth-place overall was Pam Trostle, chapter reporter, and daughter of Mr. and Mrs. Ronald Trostle, R1 Mohnton. She was a gold medal winner in last year's state contest.

Ron Bannett placed third in Berks County and 6th overall; David Noyes, fourth in Berks County and 8th overall; Kevin Griest, 5th in Berks County and 11th overall; Greg Raser, 6th in Berks County and 17th overall; Loren Kieffer, 7th in Berks County and 19th overall; Dave Naples, 8th in Berks County and 21st overall; and Dave Sowa, 9th in Berks County and tied for 25th overall. Other Twin Valley contestants were David Schlimme, Mike Snyder, and William Lengel.

In team competition Twin Valley's A team of Bernard, Trostle, and Dave Noyes captured first place in Berks County and overall with a score of 1456 points out of a total 1950 possible points. New Holland's team of Lamar King, Mike Weaver and Sharon Bowman placed second with a score of 1418 points. The Twin Valley C team of Ron Bennett, Kevin Griest, and Dave Naples placed second in Berks County and 4th overall with a score of 1248 points. Twin Valley's D team of Dave Schlimme, Dave Sowa, and Greg Raser finished third in Berks County and 8th overall. The B team of Mike Snyder, Loren Kieffer, and Bill Lengel finished 5th in Berks County and 11th overall out of 15 teams.

Conrad Weiser inducts new members

ROBESONIA — The Conrad Weiser FFA Chapter inducted 15 Greenhand candidates and nine Chapter Farmer candidates on November 19 at a formal ceremony at the high school.

The members earning the Greenhand degree were Eric Fisher, Tim Gelsinger, James Shimp, Dave Swope, Lonnie Hollonger, Mike Gelsinger, Ron Nolt, Dean Zechman, Tony Swartz, Paul Marks, Dave Sheffy, Art Zimmerman, James Gerhart, John Sonnen and Barbara Baum.

The members earning the Chapter Farmer degree were Paulene Noss, Troy Cox, John Stauffer, Tracy Smith, Andrew Hess, Steve Gromis, Chad Ulrich, Terry Budwash and Randy Hoover.

A creed speaking contest was held following the ceremony to encourage students to develop public speaking skills. Two separate divisions of the contest were held. The winners in each division were:

9th Grade Greenhands - 1st, Ronald Nolt; 2nd, Dave Swope.

10 - 12th Grade Greenhands - 1st, Eric Fisher; 2nd, Tim Gelsinger; and 3rd, Jim Shimp.

Three Conrad Weiser graduates that are still active FFA members served as the judges for the creed contest, including Christine Behney, Donald Feeg and Tom Myer.

Approximaely 50 parents, members, and guests attended the ceremony. There was a tour of the agriculture department and refreshments were served.

Thomasville 4-H holds Achievement Night

SPRING GROVE — The annual Achievement Night of the Thomasville 4-H Club was held Saturday, November 21 at 7 p.m. at the 4-H Center near Bair.

About 100 members, parents and guests were present.

Club awards were given to Bridgette Boyer, photography; Susan Eisenhart, dairy; Gary Burgard, leather craft; Jon Haskins, entomology; Mike Burgard, swine; Mike Zeigler, food; Ron Horn, Jr., vegetables; Christine Wolf, clothing; Steve Eisenhart, handyman; Robert Haskins, forestry; Grace Brodbeck, candle making; Debra Wolf, vet science; Beverly Eisenhart, sheep; Mike Welsh, petroleum power; and Teresa Roser, crocheting.

Ray Heindel and Ron Horn, Jr. were presented micro-mini tractor awards by leader, Lanny Zeigler.

Special awards were presented to James Roth and Brad Roser. Michelle Lehigh was named as a national poster contest participant.

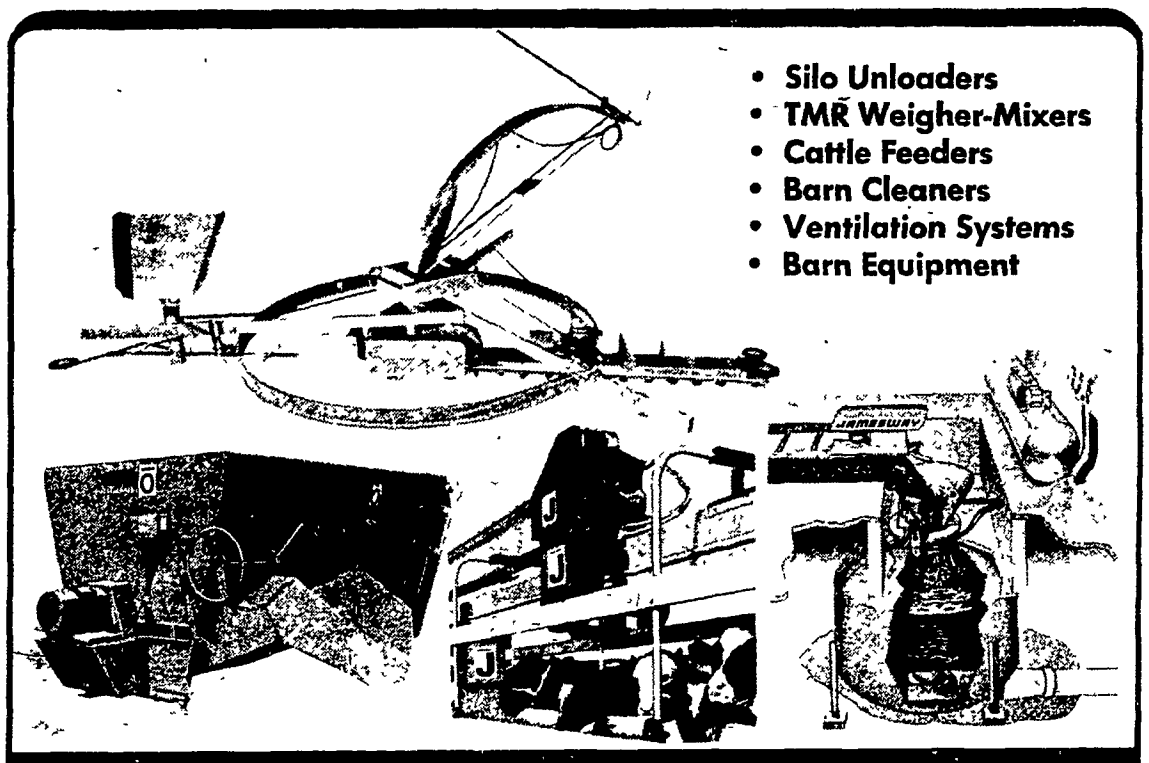
Teen leaders who presented the program, "It Was a Good Year 1981," were Nancy Eisenhart, Mike Welsh, Bev Eisenhart, Rob Haskins, James Roth, Sue Eisenhart and Roy Thompson.

Roxanne Price, county 4-H youth agent, installed the new club officers for 1982.

Prizes were given to the club's top 4-H cookie sales persons: Bev Eisenhart, Rob Haskins and Mike Welsh.

Outstanding club members of 1981 were recognized. Keystone winners are Bev Eisenhart and Nancy Eisenhart. Nancy Eisenhart is the state winner in dairy foods.

Guests present were Mr. and Mrs. Robert Stover and Mr. and Mrs. John Price and children.



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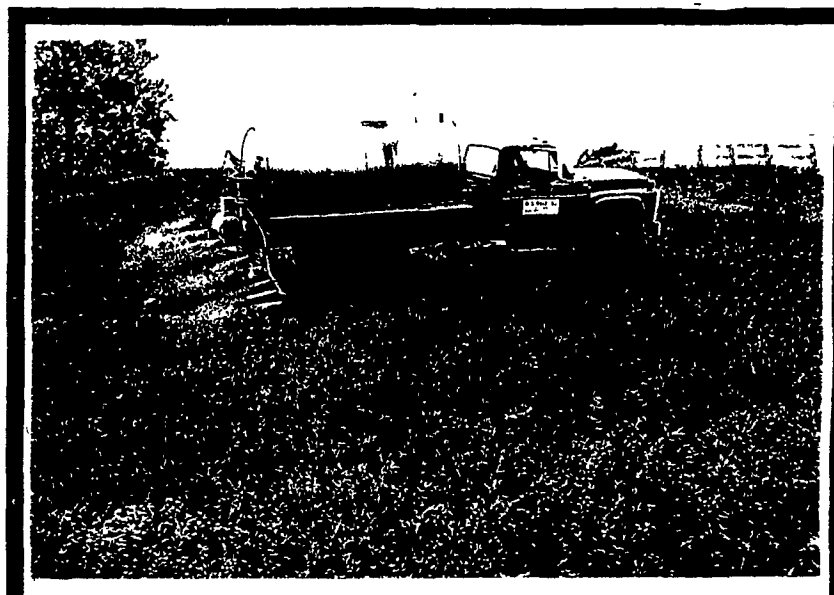

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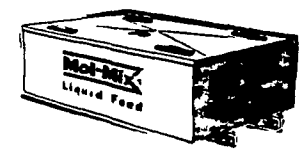

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Can we control contraband foods?

(Continued from Page B20)

and materials commonly used in luggage construction.

At the ARS Eastern Regional Research Center (ERRC), in Wyndmoor, Pa., researchers are attempting to identify the compounds responsible for the odors associated with contraband foodstuffs. Jim Purcell, research chemist, Physical Chemistry and Instrumentation Laboratory, explained that current efforts are aimed at identifying the volatile compounds in grapefruits, limes, passion fruit, mangoes, and coffee berries—fruits most often confiscated by APHIS—and fish and cured meats.

"Once the volatile chemicals in foods have been identified, they must be analyzed and evaluated in relation to other volatile compounds commonly carried in luggage, such as toiletry items and cosmetics, to establish methods for discrimination," Purcell explained.

"We are actually looking for a limited number of volatile compounds which could serve as indicators of all contraband fruits, vegetables, and meats.

"Certain chemical compounds such as limonene have been identified in lemons and limes. However, limonene is also present in many lemon- and lime-scented shaving creams and lotions. So any detection method must be sensitive enough to differentiate between limonene in the fruit and limonene in other products," he said.

Researchers at the Monell Chemical Senses Center in Philadelphia are working with researchers at the ERRC to determine what background compounds might interfere with the detection of agricultural contraband.

"These might be odors associated with dirty laundry or perfumes and cosmetics," said John Labows of the Monell Center.

Purcell and Paul Magidman, research chemist, and Calvin J. Dooley, research physicist, at ERRC, are working with sophisticated analytical instruments that will separate and identify volatile compounds in agricultural products.

Once they catalogue the volatile marker compounds that will identify major contraband items of interest, the ERRC research team will study available methods for sensing them.

These methods are now in limited use in laboratory research. The primary question is whether adaptations can be made to meet APHIS' operating needs and budget limitations.

Another approach being investigated at the ERRC involves detecting carbon dioxide levels in the baggage.

"When fruits and vegetables are picked, they continue to breathe, giving off carbon dioxide," Purcell said. "In a closed surrounding, like a bag or suitcase, the level of carbon dioxide will be perhaps 100 times greater than the level of carbon dioxide found in the outside atmosphere."

James Cavanaugh, chief of ERRC's Physical Chemistry and Instrumentation Laboratory, said that the instrument finally developed must be able to detect a given property related to contraband foodstuffs, produce a signal, and be ready for the next sample rapidly. It must do so repeatedly and reliably for long periods of time and be able to convert the signal into some type of alarm to alert the APHIS inspector. The instrument also must be rugged and easy to use.

"To accomplish all these goals will require extensive modification of any existing analytical instrumentation and may require development of new technology," Cavanaugh said.

Researchers at ARS' Western Regional Research Center, in Berkeley, Calif., have successfully used x-ray imaging to detect agricultural contraband in luggage.

T.F. Schatzki, research leader of the WRRC's Chemical and Structural Analysis Research Unit, explained that the x-ray imaging process is similar to that now being used in airports to detect weapons in luggage.

"So far we have been able to detect agricultural contraband items we know are in the luggage. The next step is to see whether it is possible to identify agricultural contraband if we don't know it is in the luggage," Schatzki said.

Snyder said APHIS will purchase x-ray imaging devices for field testing in the near future.

"One machine will be sent to Hawaii for pre-departure inspection of luggage," he said. "The other will be used by the APHIS Methods Development Laboratory in Hoboken, N.J., to test various contraband elements and to develop videotapes of contraband images for training inspectors."

Further sophistication of the x-ray system to electronically recognize images of contraband items will be Schatzki's next goal.

USDA reports USSR export sales

WASHINGTON, D.C. — Private exporters last Thursday reported to the U.S. Department of Agriculture export sales of:

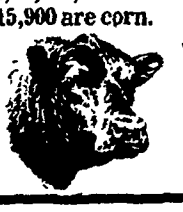
—400,000 metric tons of wheat for delivery to the USSR during the 1981-82 marketing year and the sixth year of the long term grain supply agreement;

—325,000 tons of corn for delivery to the USSR during the 1981-82 marketing year and the sixth year of the long term agreement; and

—100,000 tons of wheat for delivery to unknown destination during the 1981-82 marketing year.

The marketing year for wheat ends May 31 and for corn Sept. 30.

To date, the USSR has purchased 9,645,600 tons of grain for the sixth year of the long term agreement—Oct. 1, 1981, to Sept. 30, 1982. Of this amount, 4,829,700 tons are wheat and 4,815,900 are corn.



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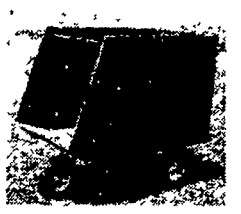

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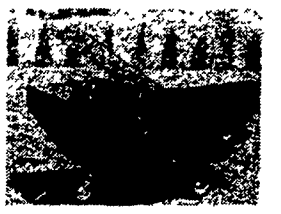

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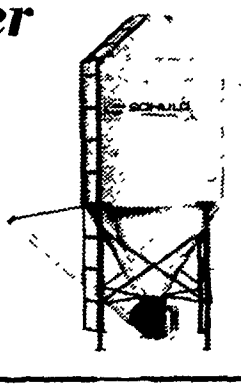

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1,000	4'0"	10'8"	7	1,129	351.00
1,000	5'4"	6'0"	7	1,028	326.00
1,500	5'4"	9'0"	7	1,388	438.00
2,000	5'4"	12'0"	7	1,735	534.00
3,000	5'4"	17'11"	7	2,432	720.00
4,000	5'4"	23'10"	7	3,130	908.00
5,000	8'0"	13'7"	1/4"	4,484	1645.00
6,000	8'0"	16'2"	1/4"	5,123	1800.00
8,000	8'0"	21'6"	1/4"	6,475	2230.00
10,000	8'0"	26'10"	1/4"	7,825	2660.00
10,000	10'0"	17'0"	1/4"	6,956	2405.00
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2,000	5'4"	12'0"	7	1,735	100 to 200
3,000	5'4"	17'11"	7	2,432	150 to 300
4,000	5'4"	23'10"	7	3,130	250 to 500

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3,000	5'4"	17'11"	7	2,312	300.00
4,000	5'4"	23'10"	7	3,010	400.00

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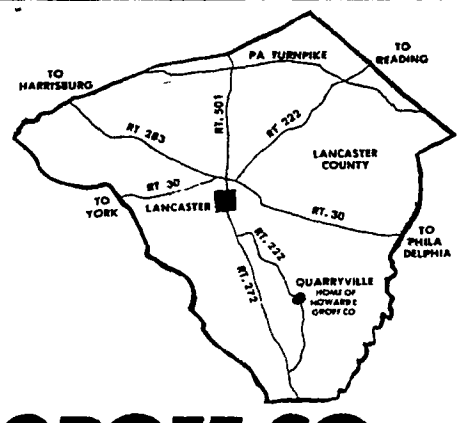

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REA co-ops sell tax write-offs to General Electric

WASHINGTON, D.C. — Two western power cooperatives will sell General Electric Co. the rights to $280 million in tax credits and depreciation write-offs, Secretary of Agriculture John R. Block announced recently.

Block said the Rural Electrification Administration has approved arrangements for the Basin Electric Power Cooperative of Bismarck, N.D., and Tri-State Generation and Transmission Association, Inc., of Denver, Colo., to sell "certain tax credits and depreciation deducations" to General Elecric.

These sales, the first of their kind by REA-financed cooperatives, are allowed under a section of the Economic Recovery Tax Act of 1981.

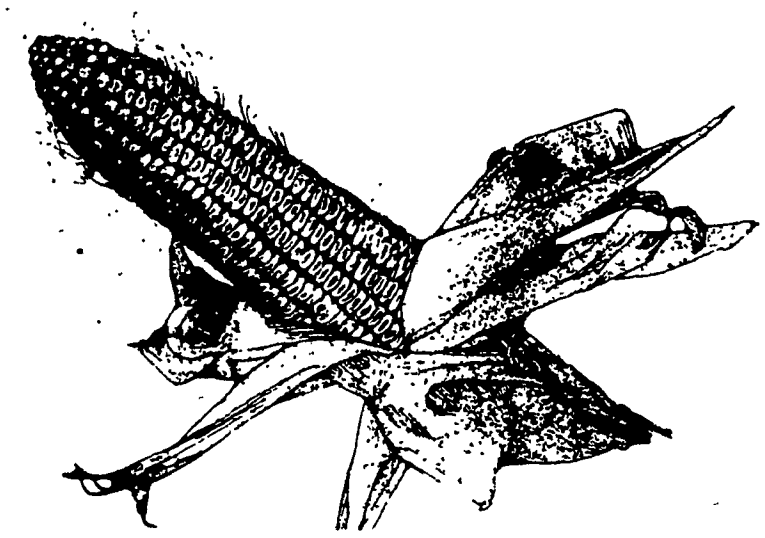
For the tax credits and depreciation deductions sold to General Electric, Basin will get about $35 million and Tri-State about $14 million.

REA Administrator Harold Hunter said the tax credits and deductions sold by the two co-ops apply to Basin's 42 percent and Tri-State's 24 percent shares of Unit No. 2 at the Laramie River Generating Station and related transmission facilities.

"The shares represent an investment by Basin of over $180 million and by Tri-State of over $100 million," said Hunter. "Unit No. 2, a 500,000 kilowatt coal-fired generating unit at the Laramie River Station near Wheatland, Wyo., went into commercial operation on July 1, 1981."

Hunter said both the cooperatives and the government benefit from the sales.

"Because of the sales," he said, "borrowers will be better able to attract private financing rather than government loan commitments because these revenues will raise their equity levels. In addition, the write-offs will provide General Electric money that can be used to expand and create new jobs."



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Quality & service mark Tom Kirk's FFA award

BY DICK ANGLESTEIN

SUPLEE — The achievement of 19-year-old Tom Kirk, graduate of the Twin Valley FFA program, in being named the top Future Farmer of America in the proficiency area of agricultural processing can be summed up in two words: "quality and service."

These two words also personify the retail philosophy of the family's on-farm Tobi Hill meat and speciality store, to which Tom's national award can be initially traced.

For ever since the youthful Chester Countian was old enough to carefully handle eggs and pack them in cartons he's been increasingly involved in the Tobi Hill store, located a few miles northeast of Honey Brook not too far from the Lancaster County line.

"When customers come through this door, they know that they'll get quality of product and service," Tom explains.

"If a customer wants a dozen pork chops, each an inch thick and individually wrapped, we don't ask any questions.

"We'll cut up a whole quarter to get to an eye roast. It's a lot of work, but we'll do it.

"The whole purpose of the store right here on the farm is to give the customer exactly what he or she wants."

With an inborn philosophy, such as that, it's easy to see why the judges at the national FFA convention gave the top award in ag processing to the Twin Valley grad.

And Tom's father, Robert, who laid the groundwork for the family's retail philosophy, stresses that the survival of farming lies in such a belief.

"The farmer must be better able to control his product and its production from the time it's grown or raised until the time it is sold to the consumer." the elder Kirk said.

"By exercising this control, our family is able to provide the quality and service that the customer wants."

Tom is involved in all phases of the Tobi Hill farm operation from the time the corn seed is dropped into the soil until it's marketed as a steak or roast through the retail store.

"I help with the farming, but brother, Bill, does most of that," Tom said.

"I break down the beef and cut it into roasts and speciality items."

And there are many miscellaneous jobs that Tom and other members of the family perform.

For example, Tobi Hill mails out some 3,000 illustrated monthly newsletters to customers, outlining freezer specials, gift ideas, holiday specials and recipes.

The family is now in the process of getting a press and folder to print their own newsletters.

Speciality meat items can range from boneless pork party roasts filled with either bread stuffing or sauerkraut to two Delmonico steaks trimmed in the shape of a heart for Valentine's Day.

Gift boxes can contain lobster tails with New York strip steaks or filet mignon cuts mixed with small jars of jams or jellies.

While the store's speciality items are now primarily in the meat line - beef, pork, veal, lamb and poultry – plans are underway to expand into other areas.

"We're now constructing a new section, which will contain another cooler, cutting room, loading dock, storage room and kitchen.

"Then, we'll be able to offer speciality items, such as more homemade breads, soups or stocks for soups, baked stuffed potatoes or baked apples." Tom said.

Thus, the Kirk family will carry their retail philosophy of planting to consumer marketing one step further – utilizing trims to make such things as homemade soups or soup stocks.

Tom Kirk, who won National FFA Proficiency Award in Ag Processing, in his family's on-farm meat and speciality store in Chester County near Honey Brook.

The Tobi Hill farm store is just 14 years old, but its brief history has been filled with progress. (Tobi was formed from the two sons' names – Tom and Bill.)

It started out when the elder Kirk was still working as a carpenter and feeding beef on the side. The animals were sent out for cutting and the family sold halves.

Then, they brought the butchering, cutting and retailing under their own wing to better control the quality. They hired a meat cutter at the time.

And, just before one Thanksgiving, their meat cutter left and another task faced the family.

"Well, we've watched the meat being cut," the elder Kirk said.

"So, let's get busy and cut."

With such initiative mixed with devotion to a retail philosophy that many of us merely recall from years back, it's no wonder that Tobi Hill draws customers from a wide radius to its rural Chester County location.

And, it's no wonder that Tom Kirk went on to be named the best in his FFA field in the nation.

It's a real FFA family 'happening'

BY DICK ANGLESTEIN

MYERSTOWN — It was a real "family happening" in the ELCO Middle School Monday night.

As the family of Carl and Margaret Wenger, Myerstown, continues to rewrite FFA history, Monday's happening centered on son, David. who recently was honored as Eastern Region Star Agribusinessman – one of four top FFA'ers throughout the nation.

And as his vo-ag teacher and FFA advisor, Gerald Strickler, of ELCO, commented at the recognition dinner:

"When you're one of four out of 490,000 FFA'ers throughout the nation, that's quite an accomplishment."

Monday's surprise recognition dinner for David, who serves as main purchaser in the family farm equipment business, was attended by some 250 friends, neighbors and well-wishers.

Principal speaker for the evening was J. Lynn Leavenworth, pastor of the Ambler Church of the Brethren, who drew a very inspirational coorelation between David's outstanding accomplishment as Eastern Star Agribusiness and another David, whose "star" was also in the East.

"As David, the shepherd, moved into the management of a country; so now our David here is moving into the ranks of those who support agriculture," Leavenworth said.

The speaker also paid tribute to the many in the audience who either farm or support those in agriculture.

"Those who stake out their role in agriculture hold the future of the world in their hands," he said.

"Mankind's primary calling is the meeting of essential human needs. And you're helping to meet such needs with a humility that knows you have been put in charge of some of the gifts of God."

Younger brother, Glenn Wenger, served as emcee for the recognition program. Brothers Lloyd and Larry, who preceded David into FFA's American Farmer ranks, also participated in various presentations.

In one of these, the Wenger family turned the tables a bit and presented a plaque of appreciation to FFA Advisor Strickler, who has guided three national FFA "stars", four state stars and some 21 Keystone Farmers.

Also taking part in the program were the Rev. Glenn O. Hassinger, pastor, Myerstown Church of the Brethren; Doug Hershberger, State FFA president; Todd Propst, president, Lebanon County FFA; Patti Heilinger, president, ELCO Chapter; Kenneth R. Good, ELCO superintendent; Lee Saunders, president of ELCO School Board.

Also, James C. Fink, retired State FFA Advisor; Harvey Smith, regional FFA advisor; and representatives of State Sen. Clarence Manbeck and Congressman Robert Walker, who couldn't attend because of the urgent press of legislative business in Harrisburg and Washington.

"This really was a surprise," David Wenger told the audience.

In closing, he paid tribute to his entire family, Advisor Strickler and everyone who has helped him, including those who gathered to share in his honor.

David Wenger, who was honored Monday night for being named Eastern Regional Star Agribusinessman by National FFA, embraces his parents, Carl and Margaret Wenger.

Wenger family, of Myerstown, present plaque to Gerald Strickler, vo-ag teacher and advisor at ELCO High School, for his continuing FFA guidance. Family, from the left, includes Lloyd, Carl, Larry, David, Margaret and Glenn.

Lancaster picks FFA capon winners

LANCASTER — Various displays and exhibits and the annual capon roundup highlighted a Lancaster County Future Farmers of America Harvest Week at the East Towne Mall last week.

Cloister FFA Chapter, of Ephrata, dominated the capon roundup, which included plump, juicy birds that rivaled small turkeys in size.

Cloister captured the top four spots in the roundup, judged by Richard Peacock, of Pennfield Corporation.

The top four placers were Mike Pfautz, Dennis Saylor, Dwight Graybill and Tim Pfautz, all of Cloister FFA.

When Mike's bird, tipping the scales at 9.61 lbs., went on the auction block, it brought a total of $25. It was purchased by Pennfield.

The second and third birds each brought $14.

Other finishers, fifth through 10th placings, include Loren Beiler, Hans Herr Chapter, Willow Street Vo-Tech; Dan White, Hans Herr; John Young, Solanco; Dean Saylor, Warwick; Cindy Swingler, Hans Herr; and Pam Landis, Hans Herr.

Surprise visitor for part of the capon proceedings was Henry Givler, FFA regional advisor, who is recuperating from recent open heart surgery.

Exhibits by various Lancaster County FFA chapters included a duck slide by Brownstown Vo-Tech, Ephrata's pesticide safety, Manheim's bunny display, Elizabethtown's changing agriculture exhibit, Penn Manor's feed drying, Eastern Lancaster County's nourishing the nation, Warwick's animals including a pet skunk, Lampeter-Strasburg and Warwick in bee keeping and Pequea Valley's fall harvest safety.—DA

Henry Givler, regional FFA consultant, who recently underwent open heart surgery, made brief visit to Lancaster County capon roundup at East Towne Mall Friday, Nov. 20. Here, he chats with Bonnie Levy, of Brownstown Vo-Tech staff, who helped coordinate roundup and exhibits.

Top three capon placers in Lancaster Roundup, all from Cloister FFA Chapter, Ephrata, include from the left, Mike Pfautz, first; Dennis Saylor, second; and Dwight Graybill, third.

Unusual pet, "Stinky," the skunk, attracts many youngsters at Lancaster County FFA Harvest Week exhibits at East Towne Mall. Skunk, which is owned by vo-ag instructor Sonia Shaner, is held by Warwick Chapter member Dean Allison.

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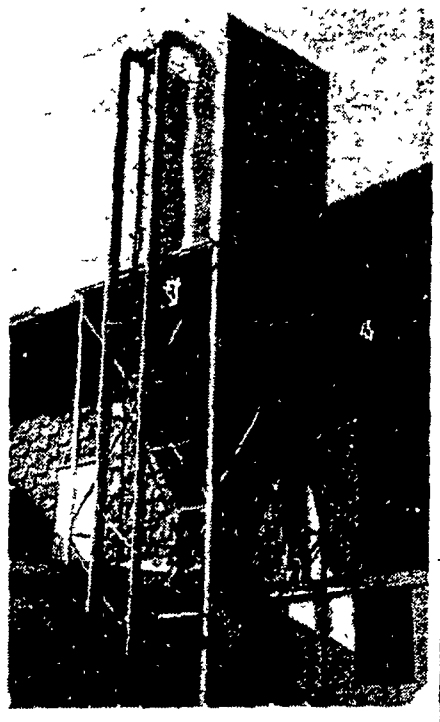

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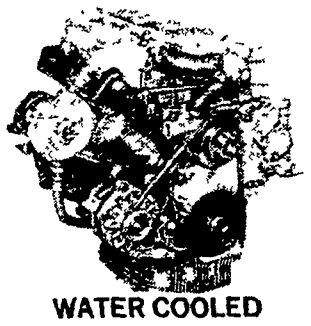

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Lancaster Farmers' Assn. tours attract 4,000

LANCASTER COUNTY — Despite a cold, biting wind, some 4,000 visitors – including quite a few from other states and foreign countries – took part in the Lancaster Farmers' Association Farm-City Tours last weekend.

The guest book at the goat farm of Mr. and Mrs. Jacob Fisher, near Manheim, contained visitors from places as far away as Brazil, Guatemala and Switzerland.

Richard Haas, of Cherry Hill Orchards, New Danville, explains apple storage operation during visit of one group during Lancaster Farmers' Assn. tours.

And when Richard Hass started the tours at the Cherry Hill Orchard operation at 1 p.m. last Saturday, his initial visitors were a family from Brooklyn, N.Y.

"We make it a point to find out when these tours are held," the family explained, " and really enjoy these farm visits each year."

At Florys Mill, where some 100,000 lbs. of flour are ground each week, visitors were impressed with the cleanliness of the operation.

More than one visitor was heard to remark:

"How can something like this look so old and historic on the outside and yet be some modern on the inside and so well-kept overall."

It was quite a diversified tour of Lancaster County's diversified agriculture.

At the Nelson Habecker farm, near Mountville, visitors could view a modern, family dairy farm, solar panels helping to heat the house and various 4-H, FFA and poultry exhibits in the large machinery shed.

There were large turkeys and tiny chicks and egg sorting machinery. And the palate wasn't forgotten either. The Poultry Association offered its popular egg and honey drink and there was plenty of milk, hot and cold.

And one of the most popular snack spots was the hot cider caldron at Cherry Hills.

At the Star Rock Farm of John

(Turn to Page B33)

Jeff Burkholder, of Penn Manor FFA, has an armful of puppies that were being offered to good homes during Lancaster Farmers' Assn. tours last weekend.

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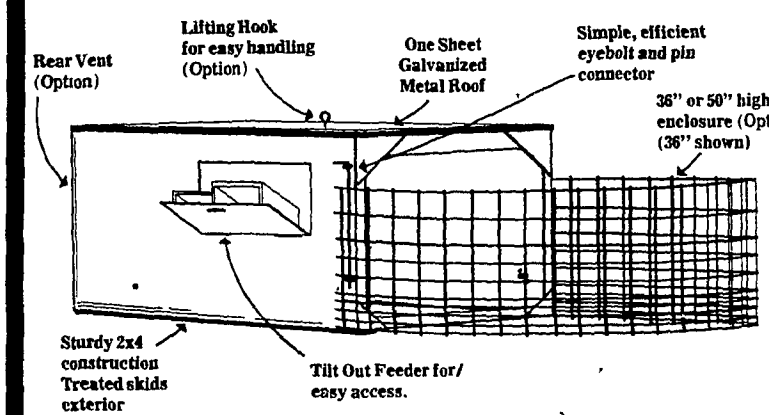
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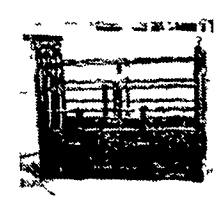

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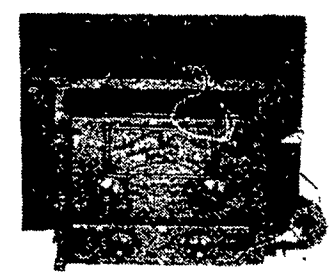

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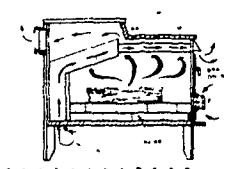

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Two-year-old Carrie Ruof, of Lancaster, finds that cows can be very friendly during visit to Barley Brothers Star Rock Farm near Washington Boro as part of Lancaster Farmers' Assn. tours.

Md. 4-H'er wins dairy judging award

COLLEGE PARK, Md. — Another Frederick County resident has won top honors in national 4-H dairy cattle judging competition. This year's winner is Michael J. Allen, 18, of Jefferson, an animal science sophomore at the University of Maryland on College Park.

Mike placed first in over-all individual standings as well as total reasons.

In addition, he was first in Jersey breed judging and second in Ayrshire judging. His feat earned him the annual $500 Lawrence O. Colebank Guernsey scholarship award.

The Maryland 4-H team finished eleventh among 37 state teams in this year's national contest. The team placed third in total reasons, second in Jersey and Holstein breed judging, and tenth in Guernsey judging.

Team members Steve Hobson, 17, of Taneytown and Kenlin Martin, 16, of Smithsburg placed ninth and fourteenth, respectively, in Guernsey judging.

Brian Derr, 18, of Taneytown was first in Holstein judging. He had been high individual in senior 4-H dairy cattle judging on September 5 at the Maryland State Fair.

Coaching the Maryland team was Tony R. Rickard, Extension breed association specialist and assistant professor of dairy science at the University of Maryland.

Don Ranck and daughter, Heather, six, feed goat at FFA animal exhibit at Nelson Habecker farm, near Mountville, during tour program of Lancaster Farmers' Assn.

Lancaster farm tours

(Continued from Page B32)

and Abram Barley, visitors could walk through barns nearly as big as indoor stadiums.

One of the modern marvels of today's agriculture — embryo transfer technology — was on view at Em Tran, near Elizabethtown.

Other stops on the tour included the sheep operation of the William Longenecker family, near Mt. Joy; and the Nelson Hershey dairy farm, near Mountville.

All in all, the 1981 tour program of the Lancaster Farmers Association was yet another successful step in the group's continuing march to promote better understanding of today's agriculture.—DA

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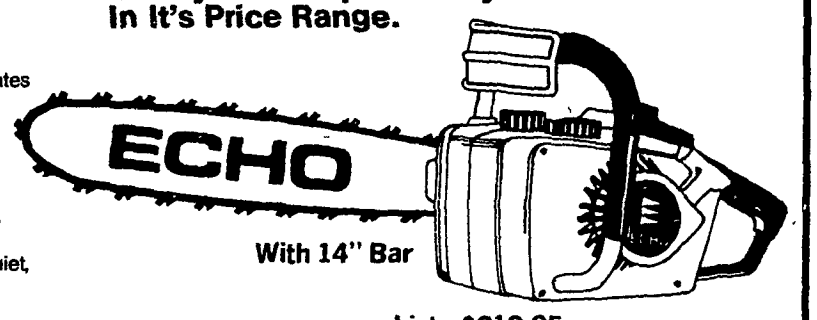

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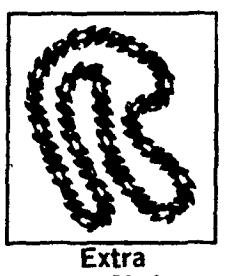

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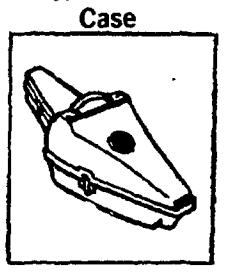

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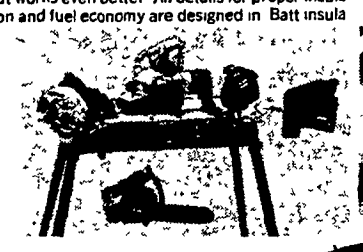

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York County DHIA Monthly Report

dhia — Pennsylvania Dairy Herd Improvement Association

October 1981

1,097 lbs. BF and 29,267 lbs. milk was produced in 305 days by Twinkle, a 5 year old Holstein owned by Avalong Farms, R.D. 7 York. Second high was Nemisa a 3 year old Holstein who produced 946 lbs of BF and 26,605 lbs. milk in 305 days, owned by Avalong Farms, R.D. 7, York

High herd was Smyser's Richlawn, 2691 East Berlin Rd with 70 Holstein cows producing 20,927 lbs. of milk and 770 lbs BF. Second high was Avalong Farms, R 7, York with 27 Holstein cows producing 19,168 lbs milk and 727 lbs BF.

OWNER NAME OR NUMBER	BREED	AGE	DAYS IN MILK	LBS. MILK	% FAT	LBS. FAT
Smysers Richlawn		3	70 8	87 0	20,927	770
Avalong Farms		3	26 9	85 8	19,168	727
Wayne E Myers		3	39 7	84 6	19,722	726
Paul R. King		3	46 1	87 9	18,348	718
Sinking Spring Fm		3	68 3	88 8	18,934	717
Thomas A Boyer		3	35 2	89 3	19,372	709
Lynn Wolf		3	51 0	89 7	19,372	700
Wayne B Mummert		B3	73 0	84.9	17,782	678
Leonard W. Greek		3	26.2	87.7	17,310	670
Beshore Farms		3	43.7	85.1	18,225	669
HS & RE Fetrow		3	78 0	86.4	17,821	661
Melvin R. Lehr		B3	46.6	83 4	17,541	656
T. Edwin Johnson		3	52.0	85.0	16,957	651
McRal Dairy Farm		B3	124.5	90.0	17,998	647
B. Robert Charles		B3	45.8	84.4	17,724	642
Earl Fuhrman		3	75.7	86.9	16,947	636
J.E Baker Co		B3	42.1	83.3	17,371	635
David Stewart		3	109.3	89.6	17,452	631
Rick L. Cook		B3	60 3	86 8	16,143	625
Geo Knight		3	115 7	88 1	17,435	622
Phillip Laughman		3	25 1	85 7	16,853	621
Leroy Bupp		3	87 0	91 8	17,552	620
David M. Emig		B3	53 7	86 7	15,207	614
Daryl L. Bair		B3	41.2	86 1	17,889	614
Dennis J. Myers		3	53 9	89 3	16,244	613
Stump Acres		B3	98 2	90.3	16,362	612
Hidden Springs Farm		B3	77.7	86 4	15,588	610
Adrian Rinehart		B3	93 5	88.2	15,723	609
Leland Stanford		B3	34 5	85 9	17,327	609
Elvin G. Molison		B3	121.6	84.3	16,362	605
Fawn Meadow Hols		B3	67.1	87 0	16,616	604
Kenneth Rexroth		B3	100.9	85.6	15,907	603
RR & MR Stewart		3	47 2	89 2	15,742	597
William Ruppert		B3	56 2	82.5	16,063	596
T. & Merle Walker		G3	38.4	86.0	15,913	594
Smokey Hollow Farm		B3	34.8	83.7	15,849	593
Rodman C Thompson		3	56.9	83.6	17,561	593
Rutter Bros		2	80.9	87.3	11,981	583
Harold Brown		3	63.3	87.2	15,931	582
Gum Tree Farm		3	40.9	89.7	16,085	582
C. Robert Kilgore		B3	41 5	86.3	16,205	579
Edwin L Calhoun		B3	44 0	89.5	15,521	577
Honeycrest Fm		B2	95 6	88 0	12,986	575
Fred Sprenkle		3	36 4	84.2	16,569	575
Walkers Farm		B3	78 8	86.2	16,240	571
Bupplyn Farm 2		B3	63.0	88.2	15,513	563
Eisenhart Bros		B3	64.0	88.4	14,980	562
JH & MB Hushon		B3	96.8	86.3	14,758	560
Avalong Farms		2	44.2	83.8	12,195	559
Richard E. Stough		B3	34 2	84.1	14,898	557
Big T Holsteins		B3	73.9	88.6	15,124	553
Double D Farm		B3	92 9	82.6	14,522	551
John H Doll Jr		B3	33.4	87.6	15,800	549
Robert Buser		B3	83.0	90.5	14,861	548
Mervin W Hertzler		2	64.6	87.6	11,747	547
Albert Dehoff		B3	130.5	88.3	14,731	546
Ellis Crowl		B3	101.5	84 8	15,865	545
Perrydell Farms		G3	176.2	82.7	14,667	537
Palmer McWilliams		B3	37 9	85.1	14,682	537
Elvin R Deiter		B3	62 9	86.1	14,752	535
Robert W Mays		B3	63.7	86.0	15,327	534
William H Fantom		B3	63.9	85.9	14,458	529
J Donnell Taylor		B3	93.0	85.8	14,932	528
D. & R. Burchett		G3	109.4	86.7	14,152	528
Gary W Thoman		3	43.5	86 5	14,453	525
R. Baumgardner Jr		B3	54.7	84.2	14,411	523
Furnace Creek Fm.		3	116.5	84.8	14,387	523
Eugene B Taylor		B3	48.2	85 9	14,398	522
Dale L. Barshinger		B3	37.1	85.6	14,052	522
Philip R. Stambaugh		3	55.2	87 9	13,744	521
Horace E. Heilider		B3	123 9	83.5	15,632	521
Fantom & Gordon		B8	56.8	91.4	13,087	520
Walnut Hill Farm		B3	46.9	79.8	15,024	517
John C. Krone		B8	39.1	86.0	14,379	517
Wayne L. Sweitzer		B3	56.7	84.3	14,487	514
Dale & Darla Doll		B3	72.9	87.3	15,360	509
Carl Anderson		B3	46.2	83.1	13,499	509
Eugene M. Kilgore		B3	54.5	84.0	13,504	509
David & Chris Druck		B3	71.1	76.8	14,819	506
Fawn Valley Farm		B3	68.0	85.0	13,291	501
Leroy Hertzler		B3	29.9	85.7	13,310	501
John D. Adams		B3	73.2	86.2	12,989	494
David Thompson		B3	89 3	82 0	12,954	493
Dennis McWilliams		B3	61 2	85.9	14,187	488
Jacob Brubaker		B3	51.2	83.9	14,282	486
Donald Lanius		B2	84 9	85.9	10,331	482
David Gemmill		B3	52.7	88.6	12,501	480
Elwood T. Krick		B3	78.5	89 8	12,711	474
Charles Herr & Son		B3	51.9	82.8	12,600	473
Albert Neufeld		B3	125.2	79.3	12,679	469
Donald Wilson		B3	43 8	87.1	12,269	467
Ramsey Cooper Jr.		B8	61.9	87.4	12,995	463
R & M Farms		B3	37.9	84.5	11,874	463
Charles Hess		G3	106.4	80.8	12,420	457
My-T Farms		B3	44.5	86.0	12,285	450
Rich & Steven Staner		2	69.2	82.2	10,188	449
Dale Clymer		B3	69.0	82.3	12,146	448
L. & Judith Hess		B3	60.9	83.8	12,322	445
Robert J. Reheard		B3	44.6	84.9	12,749	445
Emory & Wm. Kilgore		B3	66.4	85 0	11,527	434
Fred Kimmel		3	15.8	85.6	10,753	404
Gum Tree Farms		B3	47 5	81.4	10,752	400

OWNER	BREED	NO. COWS	% DAYS IN MILK	LBS. MILK	% FAT	LBS. FAT
Geo. Knight 31	3	4-3	293	14,664	3.8	553

(Turn to Page B35)

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- Beet Pulp - 50 lb. Bag
- Honey Brook Energiblock - All Natural 20 - No. Urea
- Energiblock - Hi Protein 36
- Energi Cubes for Horses

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- ★ CORN SYRUP
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- ★ BARBADOS MOLASSES
- ★ HONEY
- ★ SORGHUM SYRUP
- ★ BLACKSTRAP MOLASSES
- ★ TABLE SYRUP
- ★ SHOO-FLY PIE MIX

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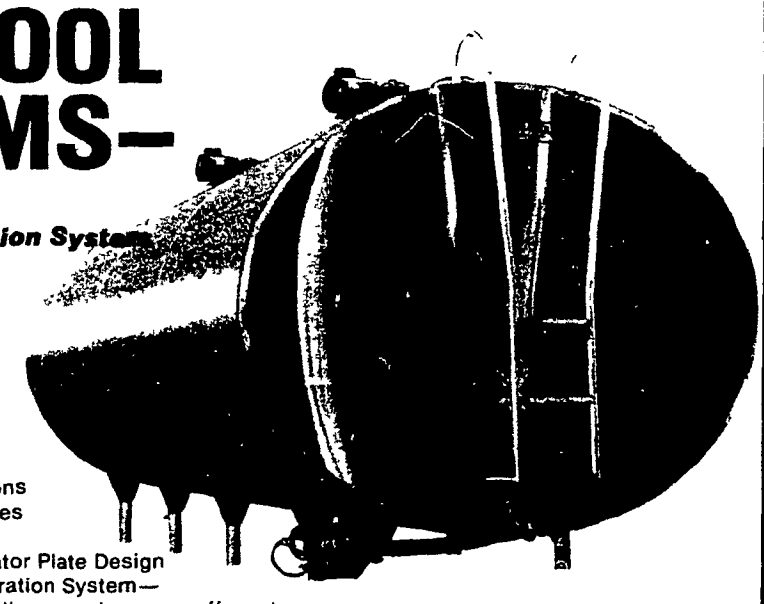

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York Co. DHIA

(Continued from Page B34)

155	3	4-5	305	25,380	3.7	937
251	3	0-0	305	23,404	3.2	755
ET2	3	3-5	280	19,132	3.6	683
Kelly	3	0-0	305	18,332	3.1	574
Fawn Valley Farm						
51	3	3-6	305	15,140	3.7	562
Emory & Wm. Kilgore						
58	3	3-7	305	13,326	4.6	611
David V. Thompson						
P-13	3	4-5	305	16,883	4.0	680
P-24	3	4-1	305	20,586	2.8	571
P-58	3	2-3	305	15,156	3.4	509
P-68	3	2-11	305	11,536	4.6	525
Ellis Crowl						
104	3	0-0	279	15,051	3.7	561
B-51	3	4-11	305	21,908	3.1	672
Donald Lanius						
64	2	9-2	305	12,564	4.4	556
Hope	2	8-2	305	11,338	4.7	528
Julie	2	5-4	305	13,242	4.4	579
Jan	2	4-0	305	10,486	4.9	519
Joyce	2	3-9	305	15,166	4.9	741
Sinking Spring Fm. Inc.						
Lotta	3	4-9	305	21,337	4.2	900
G Judy	3	4-6	305	20,516	3.5	722
June	3	3-6	305	19,437	3.4	670
Louise	3	3-2	305	19,891	3.8	755
Jasmin	3	3-3	268	19,560	3.8	735
Miiza	3	2-5	305	21,005	3.7	779
Midge	3	2-3	305	16,580	3.7	608
Carrie	3	2-11	305	14,708	4.0	593
Cindy	3	2-4	285	14,448	3.8	552
Rutter Bros.						
Lav.	2	7-1	305	14,810	4.1	602
Lee	2	4-3	298	10,999	4.8	525
Pearlet	2	4-4	305	13,129	5.0	662
Lily	2	4-4	305	14,890	4.5	673
Babe	2	6-9	304	14,599	5.3	768
Maribel	2	2-3	300	10,352	5.2	537
Beshore Farms						
Lana	3	4-5	305	20,758	3.6	757
Beauty	3	4-4	293	19,788	3.7	737
Audrey	3	2-7	305	14,450	4.9	705
Leroy Hertzler						
Simmie	3	7-2	305	13,267	3.8	509
Harold Brown						
Karen	3	12-2	305	15,527	3.4	532
Desire	3	7-4	269	16,915	3.3	559
Gina	3	4-9	305	17,650	3.6	629
Bea	3	4-8	297	14,041	3.9	543
Gello	3	4-5	305	16,691	3.4	567
Gum Tree Farm						
Anna M	3	5-1	305	18,398	3.7	686
Barbi	3	4-2	305	22,300	3.5	783
Albert Dehoff						
50 A	3	9-4	305	14,562	4.1	593
196	3	5-5	305	18,025	3.7	668
201	3	5-3	305	17,067	4.0	682
234	3	4-8	305	16,353	3.3	536
244	3	4-2	271	15,642	3.3	517
259	3	3-11	305	18,637	3.7	695
276	3	3-8	305	16,702	3.6	609
287	3	3-3	251	16,457	3.2	523
293	3	3-1	259	15,211	3.9	600
329	3	1-10	302	15,016	3.4	506
The J. E. Baker Co.						
50	3	10-10	287	14,138	3.9	553
26	3	8-4	245	18,368	3.4	624
19	3	5-7	305	16,709	4.1	681
103	3	4-6	305	18,005	3.7	669
54	3	4-2	305	22,353	3.3	741
Fred Sprenkle						
Buttons	3	7-7	305	18,840	3.4	643
Flash	3	6-11	292	16,166	3.6	590
Whiz	3	4-0	305	14,876	3.8	565
Pepper	3	3-3	292	17,343	3.3	575
Thimble	3	2-1	289	14,957	3.3	500
Purr	3	2-3	303	16,158	3.1	505
Ness	3	2-2	305	14,579	3.5	511
Eugene M. Kilgore						
Helen	3	8-9	305	14,505	4.1	594
Mindy	3	3-3	303	14,826	3.8	559
Helena	3	2-3	283	15,392	3.4	528
Thomas A. Boyer						
Sexy	3	7-2	305	26,847	3.2	863
Alice	3	5-0	305	24,957	3.0	753
Boots	3	4-5	305	24,059	3.4	815
Dainty	3	1-11	305	18,214	3.6	663
Earl Fuhrman						
Sensen	3	10-10	305	19,117	4.0	774
Juno	3	7-0	305	22,553	3.4	767
Whitie	3	7-1	294	19,016	3.7	703
Molly	3	4-11	297	14,359	4.3	624
Furnace Creek Farm						
Ardel	3	5-1	284	19,546	3.8	735
Margold	3	4-9	301	15,231	3.6	550
Fran A	3	4-8	257	13,410	4.0	532
H.S. & R.E. Fetrow						
Echo	3	5-9	305	24,816	3.5	872
Fayne	3	5-4	221	14,104	3.9	551
Linda	3	4-5	305	17,017	4.0	673
Judy	3	4-5	305	21,807	4.0	877
Joy	3	5-3	212	13,925	4.0	552
Sue	3	3-9	305	18,691	3.8	708
Pam	3	3-4	305	13,841	4.3	600
Rodman C. Thompson						
Tinker	3	8-9	305	18,419	3.9	725
Nettie	3	6-10	305	20,046	3.4	678
Mindy	3	4-10	305	22,149	3.4	756
WnJamer	3	4-2	305	20,105	3.3	656
Ilona	3	2-1	287	15,288	3.5	538
Stump Acres						
Mona	3	7-3	305	20,221	3.7	752
Nomi	3	6-9	305	18,965	4.3	814
Cleo	3	5-0	305	21,603	3.6	775
B	3	4-1	305	15,598	4.3	676
Lajo	3	4-2	305	18,521	3.9	716
Jan	3	3-4	305	18,911	3.3	618
Ojet	3	3-3	305	16,983	3.7	628
Regina	3	3-0	305	15,232	3.3	509
Retha	3	3-0	305	15,294	3.4	525
Stefany	3	3-1	305	14,913	4.0	600
Alva	3	2-1	305	16,134	3.4	547
J.H. & M.B. Hushon						
46	3	7-5	305	16,567	4.0	667
95	3	5-6	276	15,298	4.1	633
67 H	3	3-1	305	15,551	4.1	630
15 H	3	3-0	305	20,031	3.2	649
89H	3	2-4	303	12,332	4.1	506
180	3	5-4	279	16,319	3.2	529

(Turn to Page B36)

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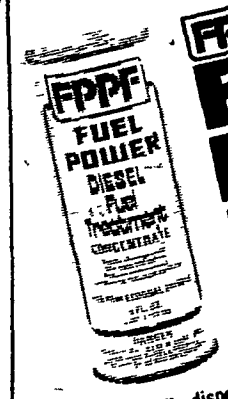

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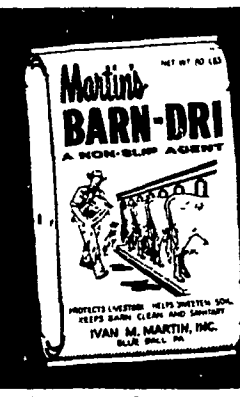

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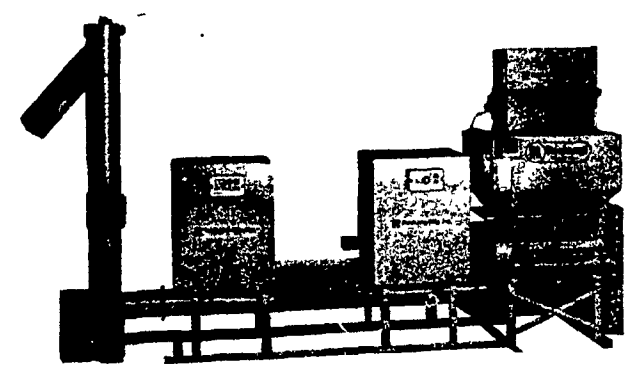

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"I ground over 10,000 bushels of high moisture corn last year and never had any trouble. One thing I liked is that it grinds a lot faster, so I saved on labor costs as well as the savings I had on fuel costs." You can save energy and fuel costs with the Roskamp Stationary Feed Processing Center and the Portable Grain Roller Mill.

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York County DHIA Monthly Report

dhia — Pennsylvania Dairy Herd Improvement Association

October 1981

1,097 lbs. BF and 29,267 lbs. milk was produced in 305 days by Twinkle, a 5 year old Holstein owned by Avalong Farms, R.D. 7 York. Second high was Nemisa a 3 year old Holstein who produced 946 lbs of BF and 26,605 lbs. milk in 305 days, owned by Avalong Farms, R.D. 7, York

High herd was Smyser's Richlawn, 2691 East Berlin Rd with 70 Holstein cows producing 20,927 lbs of milk and 770 lbs BF. Second high was Avalong Farms, R 7, York with 27 Holstein cows producing 19,168 lbs milk and 727 lbs. BF.

OWNER NAME OR NUMBER	BREED	AGE	DAYS IN MILK	LBS. MILK	% FAT	LBS. FAT
Smysers Richlawn		3	70 8	87 0	20,927	770
Avalong Farms		3	26 9	85.8	19,168	727
Wayne E. Myers		3	39 7	84 6	19,722	726
Paul R King		3	46 1	87 9	18,348	718
Sinking Spring Fm		3	68 3	88 8	18,934	717
Thomas A Boyer		3	35 2	89 3	19,372	709
Lynn Wolf		3	51.0	89 7	19,372	700
Wayne B Mummert		B3	73.0	84 9	17,782	678
Leonard W. Greek		3	26.2	87 7	17,310	670
Beshore Farms		3	43.7	85 1	18,225	669
HS & RE Fetrow		3	78.0	86 4	17,821	661
Melvin R. Lehr		B3	46.6	83 4	17,541	656
T Edwin Johnson		3	52.0	85.0	16,957	651
McRal Dairy Farm		B3	124.5	90 0	17,998	647
B Robert Charles		B3	45.8	84.4	17,724	642
Earl Fuhrman		3	75.7	86.9	16,947	636
J E Baker Co.		B3	42 1	83.3	17,371	635
David Stewart		3	109.3	89.6	17,452	631
Rick L Cook		B3	60 3	86.8	16,143	625
Geo Knight		3	115 7	88	17,435	622
Phillip Laughman		3	25.1	85 7	16,853	621
Leroy Bupp		3	87 0	91 8	17,552	620
David M. Emig		B3	53.7	86 7	15,207	614
Daryl L. Bair		B3	41.2	86 1	17,889	614
Dennis J. Myers		3	53.9	89.3	16,244	613
Stump Acres		B3	98.2	90.3	16,362	612
Hidden Springs Farm		B3	77.7	86.4	15,588	610
Adrian Rinehart		B3	93.5	88.2	15,723	609
Leland Stanford		B3	34.5	85.9	17,327	609
Elvin G. Molison		B3	121.6	84.3	16,362	605
Fawn Meadow Hols.		B3	67.1	87.0	16,616	604
Kenneth Rexroth		B3	100.9	85.6	15,907	603
RR & MR Stewart		3	47.2	89 2	15,742	597
William Ruppert		B3	56.2	82.5	16,063	596
T. & Merle Walker		G3	38.4	86.0	15,913	594
Smokey Hollow Farm		B3	34.8	83.7	15,849	593
Rodman C Thompson		3	56.9	83.6	17,561	593
Rutter Bros		2	80.9	87.3	11,981	583
Harold Brown		3	63.3	87.2	15,931	582
Gum Tree Farm		3	40.9	89.7	16,085	582
C. Robert Kilgore		B3	41.5	86 3	16,205	579
Edwin L Calhoun		B3	44.0	89 5	15,521	577
Honeycrest Fm		B2	95 6	88 0	12,986	575
Fred Sprenkle		3	36.4	84.2	16,569	575
Walkers Farm		B3	78 8	86.2	16,240	571
Bupplyn Farm 2		B3	63.0	88.2	15,513	563
Eisenhart Bros		B3	64.0	88.4	14,980	562
JH & MB Hushon		B3	96.8	86.3	14,758	560
Avalong Farms		2	44.2	83.8	12,195	559
Richard E Stough		B3	34 2	84.1	14,898	557
Big T Holsteins		B3	73.9	88.6	15,124	553
Double D Farm		B3	92.9	82.6	14,522	551
John H. Doll Jr		B3	33 4	87.6	15,800	549
Robert Buser		B3	83.0	90.5	14,861	548
Mervin W Hertzler		2	64.6	87.6	11,747	547
Albert Dehoff		B3	130 5	88.3	14,731	546
Ellis Crowl		B3	101 5	84 8	15,865	545
Perrydell Farms		G3	176.2	82.7	14,667	537
Palmer McWilliams		B3	37 9	85.1	14,682	537
Elvin R. Deiter		B3	62.9	86.1	14,752	535
Robert W Mays		B3	63.7	86.0	15,327	534
William H Fantom		B3	63.9	85.9	14,458	529
J. Donnell Taylor		B3	93.0	85.8	14,932	528
D & R Burchett		G3	109.4	86.7	14,152	528
Gary W. Thoman		3	43.5	86.5	14,453	525
R. Baumgardner Jr		B3	54.7	84.2	14,411	523
Furnace Creek Fm		3	116 5	84.8	14,387	523
Eugene B. Taylor		B3	48.2	85 9	14,398	522
Dale L. Barshinger		B3	37.1	85.6	14,052	522
Philip R. Stambaugh		3	55.2	87.9	13,744	521
Horace E. Heindel		B3	123.9	83.5	15,632	521
Fantom & Gordon		B8	56.8	91.4	13,087	520
Walnut Hill Farm		B3	46.9	79.8	15,024	517
John C. Krone		B8	39.1	86.0	14,379	517
Wayne L. Sweitzer		B3	56.7	84.3	14,487	514
Dale & Darla Doll		B3	72.9	87.3	15,360	509
Carl Anderson		B3	46.2	83.1	13,499	509
Eugene M. Kilgore		B3	54.5	84.0	13,504	509
David & Chris Druck		B3	71.1	76.8	14,819	506
Fawn Valley Farm		B3	68.0	85.0	13,291	501
Leroy Hertzler		B3	29.9	85.7	13,310	501
John D. Adams		B3	73.2	86.2	12,989	494
David Thompson		B3	89.3	82 0	12,954	493
Dennis McWilliams		B3	61.2	85 9	14,187	488
Jacob Brubaker		B3	51.2	83.9	14,282	486
Donald Lanius		B2	84.9	85.9	10,331	482
David Gemmill		B3	52.7	88.6	12,501	480
Elwood T. Krick		B3	78.5	89 8	12,711	474
Charles Herr & Son		B3	51.9	82.8	12,600	473
Albert Neufeld		B3	125.2	79.3	12,679	469
Donald Wilson		B3	43.8	87 1	12,269	467
Ramsey Cooper Jr		B8	61.9	87.4	12,995	463
R & M Farms		B3	37.9	84.5	11,874	463
Charles Hess		G3	106.4	80.8	12,420	457
My-T Farms		B3	44.5	86 0	12,285	450
Rich & Steven Staner		2	69.2	82.2	10,188	449
Dale Clymer		B3	69.0	82.3	12,146	448
L. & Judith Hess		B3	60.9	83 8	12,322	445
Robert J. Reheard		B3	44.6	84.9	12,749	445
Emory & Wm. Kilgore		B3	66.4	85 0	11,527	434
Fred Kimmel		3	15.8	85 6	10,753	404
Gum Tree Farms		B3	47 5	81.4	10,752	400

OWNER	BREED	NO. COWS	% DAYS IN MILK	LBS. MILK	% FAT	LBS. FAT
Geo. Knight 31	3	4-3	293	14,664	3.8	553

(Turn to Page B35)

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- Z Brand Dried Molasses - 50 lb. Bag
- Beet Pulp - 50 lb. Bag
- Honey Brook Energiblock - All Natural 20 - No. Urea
- Energiblock - Hi Protein 36
- Energi Cubes for Horses

GOOD FOOD INC.

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★ PANCAKE SYRUP
★ CORN SYRUP
★ PURE MAPLE SYRUP
★ BARBADOS MOLASSES
★ HONEY
★ SORGHUM SYRUP
★ BLACKSTRAP MOLASSES
★ TABLE SYRUP
★ SHOO-FLY PIE MIX

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Call toll free in area code 215 & 717: 800-662-7464

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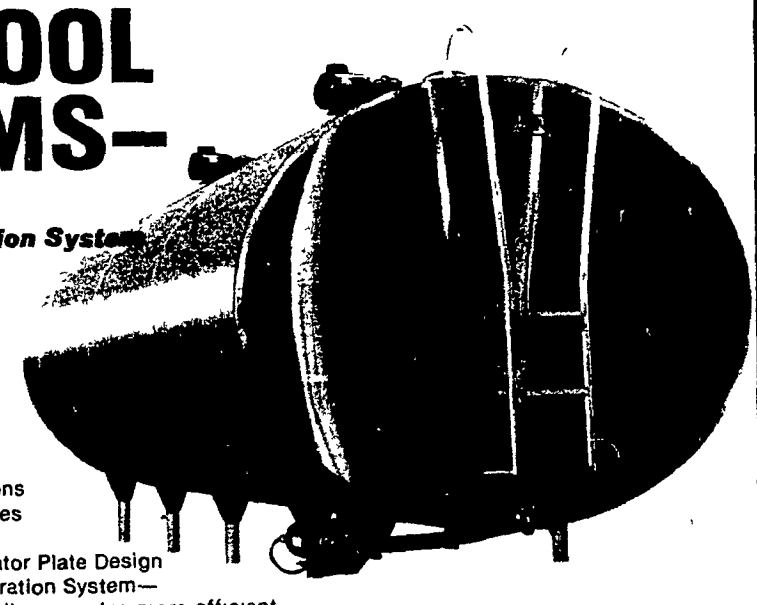
A new, more efficient FULL-FLOW Refrigeration System



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- Efficient Polyurethane Insulation
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800-692-7406
★ USED TANKS AND MILKING EQUIPMENT

York Co. DHIA

(Continued from Page B34)

155	3	4-5	305	25,380	3.7	937
251	3	0-0	305	23,404	3.2	755
ET2	3	3-5	280	19,132	3.6	683
Kelly	3	0-0	305	18,332	3.1	574
Fawn Valley Farm						
51	3	3-6	305	15,140	3.7	562
Emory & Wm. Kilgore						
58	3	3-7	305	13,326	4.6	611
David V. Thompson						
P-13	3	4-5	305	16,883	4.0	680
P-24	3	4-1	305	20,586	2.8	571
P-58	3	2-3	305	15,156	3.4	509
P-68	3	2-11	305	11,536	4.6	525
Ellis Crowl						
104	3	0-0	279	15,051	3.7	561
B-51	3	4-11	305	21,908	3.1	672
Donald Lanius						
64	2	9-2	305	12,564	4.4	556
Hope	2	8-2	305	11,338	4.7	528
Julie	2	5-4	305	13,242	4.4	579
Jan	2	4-0	305	10,486	4.9	519
Joyce	2	3-9	305	15,166	4.9	741
Sinking Spring Fm. Inc.						
Lotta	3	4-9	305	21,337	4.2	900
G Judy	3	4-6	305	20,516	3.5	722
June	3	3-6	305	19,437	3.4	670
Louise	3	3-2	305	19,891	3.8	755
Jasmin	3	3-3	268	19,560	3.8	735
Miiza	3	2-5	305	21,005	3.7	779
Midge	3	2-3	305	16,580	3.7	608
Carrie	3	2-11	305	14,708	4.0	593
Cindy	3	2-4	285	14,448	3.8	552
Rutter Bros.						
Lav.	2	7-1	305	14,810	4.1	602
Lee	2	4-3	298	10,999	4.8	525
Pearlet	2	4-4	305	13,129	5.0	662
Lily	2-	4-4	305	14,890	4.5	673
Babe	2	6-9	304	14,599	5.3	768
Maribel	2	2-3	300	10,352	5.2	537
Beshore Farms						
Lana	3	4-5	305	20,758	3.6	757
Beauty	3	4-4	293	19,788	3.7	737
Audrey	3	2-7	305	14,450	4.9	705
Leroy Hertzler						
Simmie	3	7-2	305	13,267	3.8	509
Harold Brown						
Karen	3	12-2	305	15,527	3.4	532
Desire	3	7-4	269	16,915	3.3	559
Gina	3	4-9	305	17,650	3.6	629
Bea	3	4-8	297	14,041	3.9	543
Gello	3	4-5	305	16,691	3.4	567
Gum Tree Farm						
Anna M	3	5-1	305	18,398	3.7	686
Barbi	3	4-2	305	22,300	3.5	783
Albert Dehoff						
50 A	3	9-4	305	14,562	4.1	593
196	3	5-5	305	18,025	3.7	668
201	3	5-3	305	17,067	4.0	682
234	3	4-8	305	16,353	3.3	536
244	3	4-2	271	15,642	3.3	517
259	3	3-11	305	18,637	3.7	695
276	3	3-8	305	16,702	3.6	609
287	3	3-3	251	16,457	3.2	523
293	3	3-1	259	15,211	3.9	600
329	3	1-10	302	15,016	3.4	506
The J. E. Baker Co.						
50	3	10-10	287	14,138	3.9	553
26	3	8-4	245	18,368	3.4	624
19	3	5-7	305	16,709	4.1	681
103	3	4-6	305	18,005	3 7	669
54	3	4-2	305	22,353	3.3	741
Fred Sprenkle						
Buttons	3	7-7	305	18,840	3 4	643
Flash	3	6-11	292	16,166	3.6	590
Whiz	3	4-0	305	14,876	3.8	565
Pepper	3	3-3	292	17,343	3.3	575
Thimble	3	2-1	289	14,957	3.3	500
Purr	3	2-3	303	16,158	3.1	505
Ness	3	2-2	305	14,579	3.5	511
Eugene M. Kilgore						
Helen	3	8-9	305	14,505	4.1	594
Mindy	3	3-3	303	14,826	3.8	559
Helena	3	2-3	283	15,392	3.4	528
Thomas A. Boyer						
Sexy	3	7-2	305	26,847	3.2	863
Alice	3	5-0	305	24,957	3.0	753
Boots	3	4-5	305	24,059	3.4	815
Dainty	3	1-11	305	18,214	3.6	663
Earl Fuhrman						
Sensen	3	10-10	305	19,117	4.0	774
Juno	3	7-0	305	22,553	3.4	767
Whitie	3	7-1	294	19,016	3.7	703
Molly	3	4-11	297	14,359	4.3	624
Furnace Creek Farm						
Ardel	3	5-1	284	19,546	3.8	735
Margold	3	4-9	301	15,231	3.6	550
Fran A	3	4-8	257	13,410	4.0	532
H.S. & R.E. Fetrow						
Echo	3	5-9	305	24,816	3.5	872
Fayne	3	5-4	221	14,104	3.9	551
Linda	3	4-5	305	17,017	4.0	673
Judy	3	4-5	305	21,807	4.0	877
Joy	3	5-3	212	13,925	4.0	552
Sue	3	3-9	305	18,691	3.8	708
Pam	3	3-4	305	13,841	4.3	600
Rodman C. Thompson						
Tinker	3	8-9	305	18,419	3.9	725
Nettie	3	6-10	305	20,046	3.4	678
Mindy	3	4-10	305	22,149	3.4	756
WnJamer	3	4-2	305	20,105	3.3	656
Ilona	3	2-1	287	15,288	3.5	538
Stump Acres						
Mona	3	7 3	305	20,221	3 7	752
Nomi	3	6-9	305	18,965	4.3	814
Cleo	3	5-0	305	21,603	3.6	775
B	3	4-1	305	15,598	4.3	676
Lajo	3	4-2	305	18,521	3.9	716
Jan	3	3-4	305	18,911	3.3	618
Ojet	3	3-3	305	16,983	3.7	628
Regina	3	3-0	305	15,232	3.3	509
Retha	3	3-0	305	15,294	3.4	525
Stefany	3	3-1	305	14,913	4.0	600
Alva	3	2-1	305	16,134	3.4	547
J.H. & M.B. Hushon						
46	3	7-5	305	16,567	4.0	667
95	3	5-6	276	15,298	4.1	633
67 H	3	3-1	305	15,551	4.1	630
15 H	3	3-0	305	20,031	3.2	649
89H	3	2-4	303	12,332	4.1	506
180	3	5-4	279	16,319	3.2	529

(Turn to Page B36)

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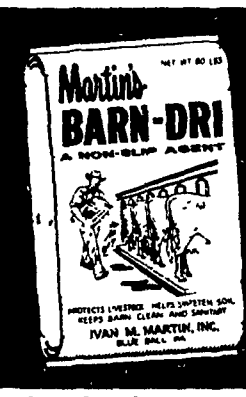
Protects livestock


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- Hog Pens
- Sheep Stables
- Dog and Cat Kennels
- Chicken Houses
- Other damp areas

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Old Guard
Mutual Insurance Company
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Farmer in Bradford County loses 160 cows in $750,000 barn fire. Is your insurance adequate to cover such a loss? Our agent in your area will gladly give you a quotation without obligation.

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DONALD R. LONGACRE
Route 100, Hereford, PA
W.P. MANLEY AGENCY
170 Prospect St., Troy, PA
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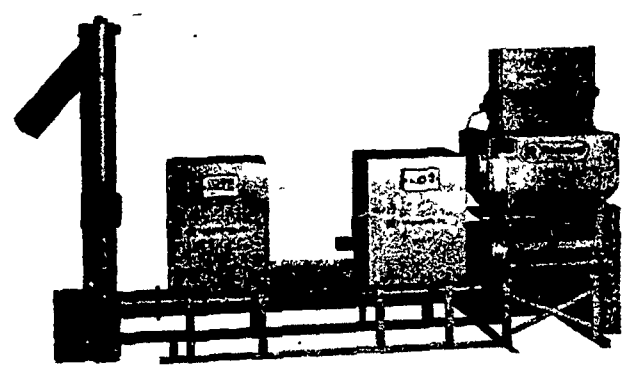
"I saved between $500 and $600 the First Year with my Roskamp Roller Mill."
Jim Sage
Waterloo, Iowa

Stationary Feed Processing Center

Jim Sage was using a tractor powered feed grinder and faced mounting fuel costs. He switched to a Roskamp Stationary Feed Processing Center and, according to him, "I saved between $500 and $600 the first year alone."
"I ground over 10,000 bushels of high moisture corn last year and never had any trouble. One thing I liked is that it grinds a lot faster, so I saved on labor costs as well as the savings I had on fuel costs." You can save energy and fuel costs with the Roskamp Stationary Feed Processing Center and the Portable Grain Roller Mill.
Write or phone for free literature.
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Newville, Penna. 17241
(717) 776-3129

York Co. DHIA

(Continued from Page B35)

Adrian Rinehart						
171	3	4-7	305	18,381	3.4	627
174	3	4-8	305	18,275	3.6	663
208	3	3-2	292	19,403	3 6	696
209	3	3-2	305	17,796	3.7	661
216	3	4-0	207	14,261	3 7	524
237	3	2-0	305	13,728	4.4	604
239	3	2-0	305	15,956	4 4	706
240	3	2-2	304	11,490	4 6	530
R.R. & M.R Stewart						
Patty	3	9-10	305	19,915	3.4	674
Smysers Richlawn Fms.						
Jeannie	3	6-4	305	25,965	3 2	830
Pearl	3	4-6	305	24,767	3 6	896
Martha	3	3-6	305	18,695	3.8	717
Deb	3	3-1	297	21,082	3.5	730
Fancy	3	2-0	305	20,353	4 3	875
Darlene	3	2-1	305	18,909	3.4	640
June	3	2-2	305	17,709	4 0	702
T. Edwin Johnson						
Sharon	3	6-4	305	24,433	3 8	919
Gilda	3	3-3	304	18,184	3.8	686
Leroy Bupp						
Bonna	3	7-5	305	20,864	3.2	668
Eleanor	3	10-2	305	16,739	4.0	677
Bonnie	3	4-10	305	18,218	3.4	613
Eva	3	3-7	305	16,223	3.8	614
Katie	3	3-9	305	16,781	3.3	560
Ela	3	3-4	305	22,792	3.1	704
Bobbi	3	3-1	305	20,802	3.1	654
Mary	3	2-10	305	16,880	3.3	554
652	3	3-2	305	18,104	3.6	656
Babby	3	2-7	305	15,094	3.4	515
Victor	3	2-3	305	14,097	3 9	546
Hidden Springs Farm						
Marta	3	10-10	292	16,223	3.5	562
Erin	3	8-7	305	16,470	4 1	680
Paula	3	7-10	305	17,514	4.0	699
Hosana	3	6-5	301	14,823	4.1	602
Roslyn	3	6-5	293	16,489	3.5	576
Britt	3	5-1	301	18,758	4.0	745
Jenny	3	5-0	302	17,650	3.8	673
Abby	3	4-3	305	18,190	3.7	678
Dodie	3	4 3	305	20,079	3 8	769
Nicky	3	3-7	305	17,228	3.5	607
Winifer	3	3-0	305	15,190	4.5	687
Robina	3	2-11	305	14,788	4.1	606
Libby	3	3-2	305	14,568	4.0	586
Nanine	3	3-0	301	14,852	4.0	592
Dennis L. McWilliams						
204	3	4-8	305	12,589	4.0	506
98	3	3-8	305	15,921	3.9	617
1	3	2-8	305	14,903	3.6	539
Palmer McWilliams Jr.						
66	3	8-1	305	18,215	3.6	653
48	3	2-4	305	14,447	4.1	593
163	3	2-6	305	15,818	3.4	530
44			304	15,115	3.5	529
3	3	2-0	305	15,373	3.4	516
Dennis J. Myers						
Edna	3	11-0	305	19,797	3 8	754
Dorrie	3	9-9	305	18,034	3 2	577
Beauty	3	6-2	305	16,928	3 7	624
Dora	3	6-1	305	14,899	3.7	557
Saucy	3	5-8	305	14,423	3.8	555
Cinder	3	4-11	305	16,681	3.4	574
Althea	3	4-5	305	16,069	3.4	547
Felecia	3	4-9	305	16,874	3.3	563
Patsy	3	3-9	305	14,984	4.3	650
Titus & Merle Walker						
5201	3	8-2	305	15,858	4.3	679
5270	3	8-0	301	16,288	4.4	713
C. Robert Kilgore						
Boots	3	4-1	303	19,735	3.6	717
Cindy	3	3-7	305	18,278	3.9	708
Holy	3	2-2	299	15,786	3.7	586
Phillip D. Laughman						
Ruth	3	6-3	305	18,079	3.7	676
Dana	3	2-1	305	16,075	3.3	526
Avalong Farms Inc.						
Laurie	3	6-11	305	23,240	3.4	797
Val	3	5-5	289	21,257	3.7	795
Merry	3	5-6	305	22,774	3.3	743
Twinkle	3	5-6	305	29,267	3.7	1097
Lady	3	6-2	292	14,939	3.4	502
Nemisa	3	3-1	305	26,605	3.6	946
Lolita	3	2-8	305	16,698	4.8	801
Suzie	3	3-0	302	19,331	4.0	781
Pose	3	4-4	286	16,488	4.1	668
Avalong Farms Inc.						
Oriana	2	6-2	286	13,406	4.0	530
Helga	2	3-10	243	11,679	4.9	567
Jonquil	2	3-2	305	14,911	4.8	721
Paula	2	2-11	305	12,842	4 6	597
Lawanda	2	2-2	305	10,580	4.9	514
Roxy	2	4-10	305	13,077	4.2	551
Philip R. Stambaugh						
Sara	3	3-2	305	13,589	4.1	551
Linda	3	2-11	305	20,091	3.4	680
Paul R. King						
Glitter	3	8-0	305	20,183	4.0	807
Rose	3	4-1	244	15,434	3.6	563
Wayne B. Mummert						
42	3	5-10	305	19,318	3.8	731
27	3	4-7	192	13,853	3.8	523
2	3	4 0	279	17,640	3.5	617
10	3	3-0	305	16,804	4.5	749
9	3	2-0	305	17,967	3.6	639
49	3	2-0	305	14,175	3.8	533
14	3	2-0	305	15,093	3.9	585
62	3	2-2	305	18,254	3.5	634
3	3	2-0	297	15,455	3.7	568
Desota & Robt. Burchett.						
68	3	7-8	305	14,991	3.4	511
121	3	5-11	305	18,389	3.5	646
83	3	5-2	305	16,766	3.5	592
87H	3	3-9	305	21,092	2.9	622
37H	3	3-2	305	16,281	3.8	618
72H	3	2-5	305	14,000	3.8	532
119H	3	2-3	305	12,565	4.0	501
116H	3	2-1	283	13,499	4.0	543
92H	3	2-1	305	11,368	4.7	535
85H	3	2-3	305	14,093	3.9	550
Dale & Darla Doll						
Jenny	3	9-9	279	17,007	3.6	618
Libby	3	6-7	305	21,765	3.3	712
Ruth	3	6-0	305	23,681	3.0	701
Ruby	3	6-0	291	17,985	3.9	708
Robin	3	5-11	305	17,397	3.7	642
Debbie	3	4-11	305	18,901	3.2	605
D. Fantom & E. Gordon						
Nina	3	8-8	305	17,746	3.6	647
Lynn Wolf						
Edith	3	6-2	305	19,892	4.0	803
Freda	3	5-1	305	21,368	3.9	829
Image	3	2-1	305	19,412	3.6	701
Ramsey S. Cooper Jr.						
Lori	3	4-1	267	16,434	3.2	533
Horse	3	5-1	305	16,973	3.1	527

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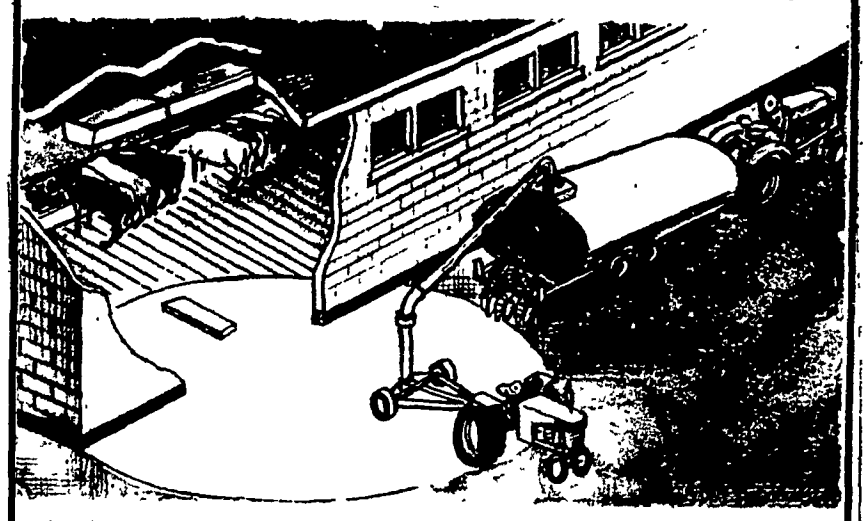
UNDERGROUND LIQUID MANURE SYSTEMS



* Eliminate manure stacks for cleaner and neater appearance
* Eliminates breeding places for flies and insects
* Eliminates odor with underground manure storage

★ Above ground systems also available ★ ASCS APPROVED

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Abe Diffenbach, Manager
Field Representatives
Alan Diffenbach 717-656-9806
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Custom Spray Application With Full Flotation Equipment

— Also New Distributor for —

Snyder vertical tanks for on-farm storage

In sizes ranging from 465 to 5,600 gallons.

ALPINE PLANT FOOD

ALPINE OFFERS A TOP QUALITY LIQUID PLANT FOOD AT ROCK BOTTOM PRICES.

★ Alpine minimizes expensive handling costs by utilizing farmer distributors.
★ Alpine eliminates expensive computer billing costs with cash accounts.
★ Alpine uses food grade ingredients for maximum availability and safety to plants.
★ Alpine is a neutral PH chlorine free plant food that will not rust equipment, freeze or settle out.
★ Alpine will deliver 9-18-9 for payment in Nov. for $3.05 a gallon. Alfalfa plant food 3-18-18 delivered price $3.35.

— Pennsylvania Distributors —

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GARY REPLOGLE
Bedford
814-847-2851

JAMES LANDIS
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CLYDE BARTHOLOMEW
Orangeville
717-784-1779

RICHARD WILSON
Stewartstown
717-933-6101

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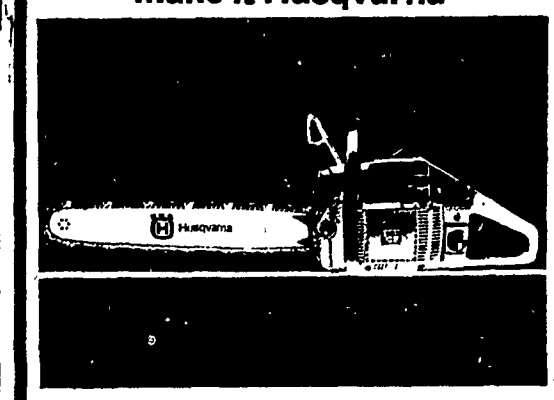

This Husqvarna is the work of one design engineer.

He spends a lot of time engineering it. And a lot more time out in the woods working with the prototype. He may decide it needs to go back to the drawing board.

When he's satisfied himself — he's satisfied the toughest critic he has.

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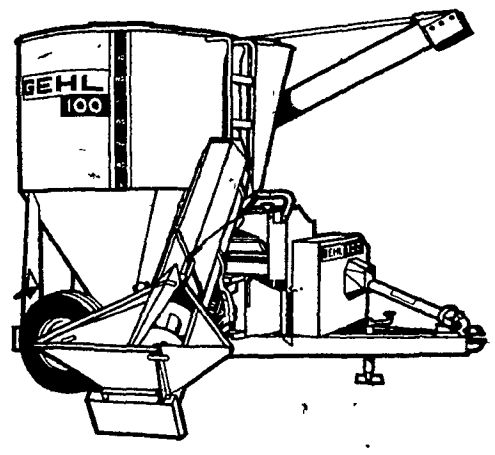
York Co. DHIA

(Continued from Page B36)

Melvin R. Lehr						
1	3	5-8	305	21,183	4.6	969
14	3	3-10	275	18,680	3 7	692
Horace E. Heindel						
146	3	7-11	305	22,427	3.0	678
182	3	7-3	305	18,616	3.4	632
186	3	6-10	305	13,389	4.0	541
193	3	6-5	305	21,841	3.5	758
85A	3	6-0	305	18,600	3.1	576
22A	3	5-8	305	22,520	2.5	573
27A	3	5-8	305	21,730	4.3	928
89A	3	4-9	305	20,703	3.0	630
104A	3	4-4	305	21,568	3.1	671
142A	3	4-8	285	19,651	3.0	585
159A	3	4-4	305	16,800	3.4	570
185A	3	3-3	305	15,781	3.5	548
88A	3	2-4	305	15,756	3.6	561
164A	3	2-1	305	16,819	3.0	506
80A	3	2-1	305	18,411	3.8	695
Carl Anderson						
27	3	6-7	305	22,141	3 4	753
Elvin R. Deiter						
Jolly	3	9-5	305	20,998	3.7	778
Kathy	3	8-1	305	19,055	3.2	613
Martha	3	6-8	305	22,208	3.7	821
Marjori	3	6-4	305	18,659	3.8	707
Nora	3	5-8	305	17,223	3.6	614
Fred Kimmel						
Seven	3	6-2	305	15,572	4.1	632
John H. Doll Jr.						
Lee	3	4-0	294	17,225	3.3	571
Model	3	3-4	305	17,719	3.1	545
Lis	3	3-0	305	16,368	3.7	601
Charles Herr & Son						
Tar	3	9-4	305	16,200	4.0	641
Lottie	3	7-10	305	14,562	3.6	531
Betty	3	4-1	299	16,249	3.8	613
April	3	3-8	305	14,690	3 6	530
Wayne L. Sweitzer						
Cherry	3	7-1	305	14,963	3.5	519
34	3	4-1	305	16,164	3.1	501
Susie	3	3-0	305	16,426	3.9	639
Kenneth L. Rexroth						
Ritta	3	9-8	305	19,858	3.3	655
1	3	10-7	305	18,156	4.1	744
13	3	6-5	305	17,499	3.5	619
75	3	5-1	305	19,710	3.2	638
98	3	5-1	305	21,027	4 3	906
58	3	0-0	305	17,099	3.7	633
2	3	4-3	295	18,710	3.1	583
108A	3	3-0	305	17,011	4.0	680
111A	3	2-4	305	16,736	3.7	624
Donald Wilson						
95	3	5-5	294	13,687	3 8	525
43	3	4-3	289	15,417	3.7	574
Richard E. Stough						
Carol	3	4-9	305	20,171	4.1	831
Rick L. Cook						
Belle	3	7-1	305	20,497	3.6	740
Petal	3	5-1	304	18,253	3.8	696
Boots	3	5-3	296	19,118	4.3	822
Beets	3	3-5	296	18,829	3.3	630
Perform	3	2-10	305	16,424	3.8	630
J. Donnell Taylor						
Dusty	3	7-1	305	21,576	3.3	719
Jody	3	4-1	300	16,257	3.5	563
Peggy	3	2-0	305	14,684	3.6	533
Bupplynn Farms #2						
1100	3	4-5	305	14,849	3.4	509
Klaholt	3	4-4	305	16,744	4.4	742
30	3	3-2	305	20,506	3.5	712
Elvin G Molison						
87	3	7-1	273	18,668	3.7	693
10	3	6-0	246	16,673	3 9	643
57	3	5-1	290	16,520	3.5	571
18	3	4-6	305	20,066	3 2	647
12	3	3-6	240	18,550	3.6	660
79	3	3-4	258	14,838	4.8	711
120	3	2-11	305	18,732	3.6	679
85	3	2-1	305	21,342	3.4	733
123	3	2-5	300	15,799	4.0	637
Daryl L. Bair						
13	3	8-1	305	20,200	3.3	675
Reva	3	3-2	295	15,689	3 7	584
John D. Adams						
70	3	5-4	305	15,014	4.2	631
32	3	3-7	296	16,714	3.3	559
60	3	4-2	294	14,325	4.4	634
Smokey Hollow Farm						
22	3	5-10	305	18,181	3.9	710
62	3	3-11	305	21,523	3.4	727
69	3	3-6	291	16,543	3.4	563
Honeycrest Fm						
Flavor	2	4-9	298	13,640	4.7	638
Iwinkey	2	3-11	305	14,370	3.5	504
G Polly	2	3-5	305	21,851	3.4	743
Falthea	2	3-5	305	10,989	4.7	520
Mervin W. Hertzler						
Dawn	2	9-7	305	12,454	4.7	590
Paula	2	7-5	305	13,565	4.1	552
Helen	2	3-6	305	12,925	5.0	646
Sadie	2	2-11	303	12,792	4.5	582
Leonard W. Greek						
Brett	3	5-2	291	16,372	4.0	649
Blossom	3	6-2	305	17,726	4.2	750
Bambi	3	4-4	305	22,951	3.6	831
Jessica	3	3-1	305	17,221	4.2	730
Gary W. Thoman						
22	3	5-1	305	18,822	4.1	768
B. Robert Charles						
April	3	6-7	292	18,387	3.6	658
Avis	3	5-11	305	22,183	3.7	813
Bonnie	3	5-4	305	19,567	3.6	695

(Turn to Page B38)

New Hydraulic Mix-Alls®



Now Mix-Alls® are even better! New hydraulic design means less maintenance, easier operation. The 100-bushel Mix-All unloads in just 3½ minutes Power bale feeding on the 135-bushel model handles 4½ bales a minute! And the hydraulic discharge conveyor with extensions reaches tanks up to 18' high. See these hydraulic Mix-Alls now!

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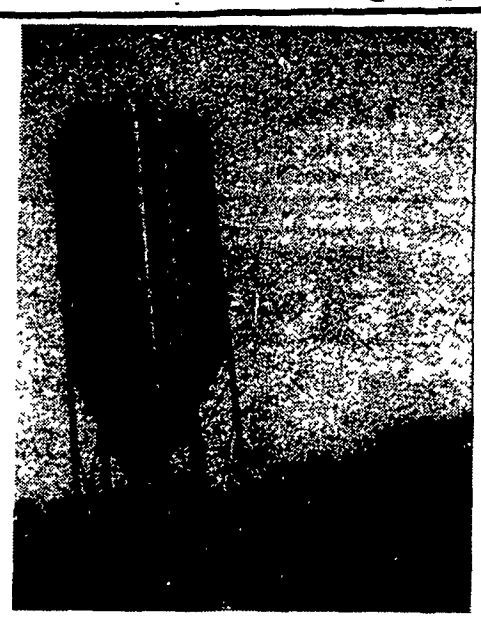

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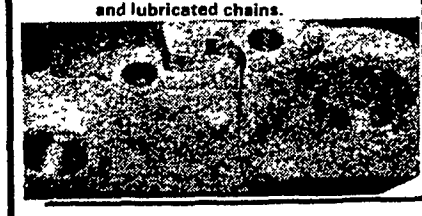

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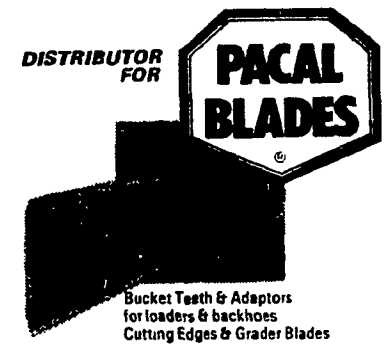

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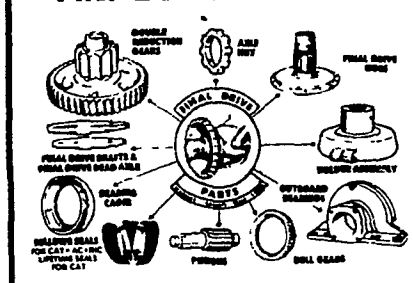

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York Co. DHIA

(Continued from Page B37)

Cameo	3	4-3	305	15,669	3.4	533
Freida	3	1-11	305	16,556	3 4	557
R & M Farms						
53	3	2-0	305	14,959	3.8	572
Laverne & Judith Hess						
66	3	4-2	305	16,229	3.6	583
25	3	2-10	305	14,778	3.4	505
15	3	2-5	305	14,819	3.7	546
Edwin L. Calhoun						
108	3	3-11	305	16,164	3.5	560
37	3	3-2	305	17,523	4.0	695
Eugene B. Taylor						
Missy	3	5-10	305	19,363	3 6	692
Sara	3	8-4	305	15,884	3.5	548
Robin	3	6-3	305	17,090	3.7	630
Daisy	3	5-0	304	16,138	4.1	664
Sally	3	3 9	305	15 708	3 5	553
Tammy1	3	3-3	305	16,588		
Robert W. Mays						
28	3	5-11	305	19,288	3.0	581
David L. & Chris Druck						
46	3	4-0	305	21,107	3.7	789
66	3	4-1	305	25,016	2 9	730
Dale L. Barshinger						
18	3	4-0	268	13,911	3.9	536
Albert Neufeld						
10	3	6-0	305	18,791	3.5	666
47	3	4-1	305	17,229	3 6	627
86	3	4-1	305	17,745	3.5	616
141	3	5-1	288	14,059	3 6	503
44	3	3-0	305	15,690	3 8	589
34	3	5-0	305	17,354	3 7	648
Robt. Baumgardner Jr						
15	3	5-2	284	13,387	4.0	533
Judy	3	8-1	305	18,419	3.8	704
Sheriff	3	3-5	305	19,678	3.5	690
Big T Holsteins						
Keys	3	11-4	305	13,482	3.9	524
Joey	3	6-2	302	15,409	3.7	575
Dibble	3	6-11	266	18,943	3.6	685
Margie	3	2-2	304	13,543	3.8	508
Enola	3	2-1	305	14,149	3 6	508
24	3	2-1	305	14,629	3.9	570
Fifi	3	5-2	305	21,924	4.0	886
Loraine	3	4-2	296	16,318	3.4	557
Romantic	3	3-4	305	18,394	3.4	629
Romance	3	5-9	305	22,024	3.5	764
Big Red	9	4-0	302	15,442	3.9	595
Jane	3	4-0	305	19,850	3.9	783
Jacob Brubaker						
10	3	2-10	279	16,729	4.1	687
Charles Hess						
85	3	6-7	305	18,545	3.5	643
95	3	5-10	305	14,965	3.8	575
49	3	4-1	305	13,185	4.3	564
66	3	4-1	294	13,468	4.2	559
6	3	5-2	256	12,980	4.0	516
155	3	1-11	305	12,117	4.1	501
157	3	1-11	305	14,584	3.4	503
John C. Krone						
Molly	3	7-10	305	17,398	3.4	588
Beauty	3	4-8	305	19,615	3.3	648
Rachel	3	3-9	305	17,181	3.5	602
Walkers Farm						
10	3	3-1	254	14,632	3.6	520
107	3	3-7	305	17,566	4.3	762
426	3	6-0	305	16,421	3.4	561
413	3	6-2	282	17,709	3.6	638
224	3	4-2	279	16,533	3.6	597
227	3	5-2	280	15,813	3.4	544
Leland Stanford						
3	3	7-2	305	20,247	3.0	605
154	3	8-1	302	20,388	3.5	723
73	3	2-11	305	20,880	3.4	700
Perrydell Farms						
2	3	3-1	305	17,198	4.1	709
69	3	3-1	305	17,647	3.6	635
72	3	3-1	305	17,179	3.5	605
79	3	3-1	305	18,192	3.9	712
106	3	8-1	305	23,298	3.2	749
122	3	3-1	305	15,433	3.7	569
134	3	3-1	305	14,228	4.5	639
141	3	4-3	221	13,111	4.2	549
194	3	3-1	305	18,342	3.6	658
196	3	3-1	305	15,078	4.0	598
219	3	3-1	305	16,176	3.4	544
221	3	4-1	301	17,951	3.7	659
Robert Buser						
8	3	3-1	280	14,702	3.5	513
50	3	5-1	305	17,765	4.3	760
75	3	6-1	305	21,715	3.8	833
33	3	5-1	305	25,779	3.1	804
103R	3	4-1	305	20,327	3.7	756
David Stewart						
Stardus	3	14-10	271	14,684	3.6	524
Fay	3	10-10	305	23,960	3.3	787
Pride	3	3-10	302	20,492	3.1	642
Biddy	3	3-3	305	19,312	3.5	685
Bab	3	3-2	303	13,459	4.0	540
Faith29	3	7-8	305	24,494	3.6	873
Sylvi96	3	6-2	305	19,063	3.5	671
Evida30	3	5-9	305	17,251	3.8	663
Sally80	3	3-7	305	16,410	3.9	646
Lolet26	3	3-6	305	16,206	3.6	585
Pclarll	3	3-8	294	18,208	3.0	543
Hattie	3	2-7	305	11,816	4.4	521

(Turn to Page B39)

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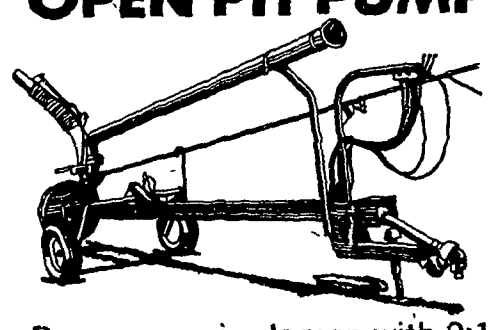

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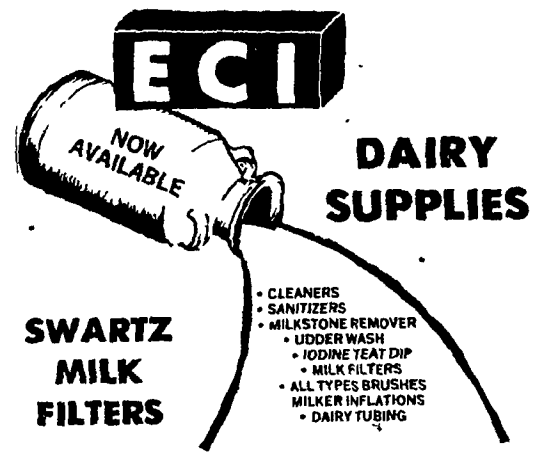

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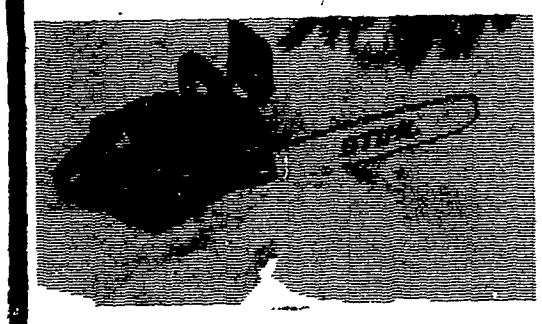

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Turn left onto Pleasant Valley Rd.

Chester County DHIA Monthly Report

dhia — Pennsylvania Dairy Herd Improvement Association

September 1981

The cow with high fat was owned by Dunwood Farm
The cow with high milk was owned by Richard Hostetter.
The high herd for fat and milk was owned by David & Tim Kauffman.

OWNER NAME OR NUMBER	DAYS IN MILK	LBS. MILK	% FAT	LBS. FAT
Dunwood Farm				
Boot	305	24,054	4 4	1070

York Co. DHIA

(Continued from Page B38)

Boo	3	2-3	305	13,374	4.2	565
Cut	3	2-3	305	16,840	3.0	513
Flese	3	2-2	305	16,585	3.5	579
Butt	3	2-2	305	14,210	4.4	628
Abby	3	1-11	305	15,756	3.3	521
Jute	3	2-3	305	15,101	3.4	515
James Martin						
170B	3	5-1	305	12,300	4.1	510
Rich & Steven Staner						
Meknes	2	7-8	305	13,549	4.9	665
Walnut Hill Farm						
Bambi	2	4-3	250	12,201	4.2	514
Fawn Meadow Holstein						
13	3	5-1	300	18,742	3.6	682
89	3	4-3	305	22,671	3.6	818
79	3	4-6	272	14,972	3.6	541
My-T Farms						
7	3	4-1	305	12,747	4.2	540
16	3	5-1	305	12,395	4.1	512
David Gemmill						
112	3	0-0	305	17,145	3.8	652
114	3	0-0	305	18,182	3.4	618
Double D Farm						
D-80	3	5-3	267	11,519	4.6	530
D-93	3	8-2	276	17,564	4.1	715
D-109	3	5-3	279	18,704	3.5	648
Dale Clymer						
Andrea	3	5-4	305	15,987	3.7	596
Grace	3	4-6	305	16,372	3.2	524
Deal Holsteins Farm						
17	3	6-0	305	19,666	3.6	707
177	3	5-2	279	13,003	4.1	539
McRal Dairy Farm						
354	3	7-1	305	20,389	3.9	793
415	3	5-1	304	20,401	3.7	750
445	3	4-4	305	19,440	3.3	650
449	3	4-3	305	20,948	4.0	830
150	3	2-0	305	17,900	3.2	566
William Ruppert						
Melody	3	8-10	305	22,360	3.4	768
Glow	3	6-3	276	15,037	4.1	614
Red	3	6-7	305	18,680	4.1	758
Bambi	3	4-3	305	18,140	3 7	675
Joan	3	4-8	297	16,430	3.9	635
Wayne E. Myers						
Linda	3	3-1	304	17,006	4.7	794
Jenifer	3	2-1	305	17,643	3.8	679
Clover	305	19,323	4 5	871		
Paul King						
Bessie	305	25,146	4 2	1049		
Tessie	305	23,409	3.7	875		
Anna	305	22,152	3.8	850		
Milpin	302	19,292	4 3	832		
Verna	305	19,962	3 8	765		
Melvin S. Stoltzfus						
Pride	305	25,116	4 1	1020		
Leona	305	18,900	4.3	821		
George P Lamborn						
Aneta	305	27,386	3.6	983		
Robert E. Pepple						
10	305	22,704	4.2	955		
80	305	26,205	3.5	908		
73	305	22,567	3.7	827		
65	305	17,702	4.6	820		
Ronald F. Elliott						
MAAT159	305	17,892	5 2	938		
DORT 198	305	20,171	4.0	804		
209	305	17,572	4.6	802		
151	305	17,333	4.6	792		
191	305	18,758	4.2	790		
190	279	20,471	3 8	780		
Harold R Kulp						
Bonnie	305	25,822	3 6	936		
Fife	305	18,414	3 9	709		
Merle J King						
Mend	305	24,163	3.9	935		
11	305	20,170	4 1	822		
Fifi	305	19,394	4 2	808		
Clara	305	21,250	3 6	762		
Richard Hostetter						
14	305	28,450	3 3	933		
3	305	22,090	3 7	826		
77	305	22,489	3 4	765		
Jonas B. Stoltzfus						
Lee	305	24,184	3 8	926		
Copy	305	20,418	4 0	823		
Cherry	305	20,282	3 8	775		
Jet	305	21,328	3 6	762		
Tidy	305	20,831	3 6	743		
Star	305	19,682	3 7	738		
Gent	305	21,226	3.3	709		
H&R Mason						
6F	305	23,041	3 9	895		
27K	305	23,609	3 7	869		
129	305	20,426	3 9	800		
16G	305	19,826	3 7	736		
57A	305	19,794	3 6	710		
Breck A-De Farm						
64	305	23,944	3 7	890		
31	305	21,367	3.9	827		
David Windle						
Minute	305	22,415	3 9	878		
Kulp Bros						
85	305	22,182	4 0	877		
117	305	22,182	3 8	835		
148	305	24,433	3 4	830		
122	305	18,292	4.3	794		
173	305	21,378	3.5	756		
189	305	18,625	4 0	753		
96	305	16,947	4.3	726		
E. Richard Hoopes						
48	305	24,377	3 6	872		
Joseph I. Kulp						
21	305	19,639	4 4	871		
5	305	18,018	4.5	802		
54	305	18,224	4 0	730		
Bryncoed Farms Inc						
P969	305	22,828	3 8	865		
P812	305	22,345	3.7	828		
A6	305	20,558	3.6	747		
P954	305	19,026	3.8	728		
P225	305	21,589	3 3	711		
R264	305	16,876	4 2	702		
David K. Stoltzfus						
26	305	23,846	3 6	862		
23	305	19,148	4.2	800		
25	305	20,685	3 8	792		
Glen H Freese						
Cover	305	19,194	4 4	849		
John R. Groff						
Ada	305	21,344	4 0	845		
Delite	283	19,730	4 1	804		
Vernon Guest & Son						
Joan	305	19,624	4.3	843		
Astrid	305	20,703	4.0	825		
Brandy	305	19,598	4.1	795		
Melinda	305	18,990	4 1	779		
Fredona	305	21,582	3.6	778		
Elsie	305	17,041	4 5	775		
Cher	305	17,337	4.3	753		
Ardrossan Farms						
Hkvbrit	305	20,193	4 2	841		
MI-Anna	305	18,633	4.1	772		
Charlet	305	18,401	4 2	766		
Pvbella	305	16,832	4 5	764		
Proudly	305	18,824	4 0	751		
Floyd Miller & Son						
42	305	15,809	5 3	841		
14	305	17,556	4 4	770		
73	305	18,190	3 9	713		
John L Hicks & Sons						
239	305	20,059	4 2	839		
225	305	21,888	3 4	735		
Round Top Farm						
69	305	21,839	3 8	830		
David Bartram						
416	305	20,094	4 1	828		
Penn Valley Farm						
73	305	19,991	4 1	826		
75	305	16,045	4 4	710		
Christ L. Stoltzfus						
Polly	305	20,971	3 9	823		
Nancy	289	20,425	3 8	784		
Violet	305	18,945	3 9	730		
Janice	305	16,908	4.3	727		
Wilmer L. Hostetter						
Grade	305	20,410	4.0	822		
Paul Smoker						
38	305	17,648	4 7	822		
Arthur D. Hershey						
Lana	305	20,748	3 9	805		
Newton Evans Jr						
197	305	21,306	3 8	803		
29	305	21,567	3 5	757		
Omer S. Smoker						
136	305	20,463	3.9	803		
79	299	21,077	3 8	800		
J Raymond Harnish						
Judy	305	21,932	3.6	800		
Light	305	16,224	4.5	731		
David L Weaver						
34	305	20,608	3.9	798		
4	305	20,699	3.8	784		
Willowland Farm						
Bridget	305	18,397	4.3	796		
Rachel	305	21,989	3.5	775		
Linda	305	16,528	4.3	711		
Gottlieb Strohmaier						
Petra	305	19,249	4.1	791		
Miriam	305	20,263	3 7	743		
Apollo	283	19,676	3 8	741		
David E Weaver						
Peanut	305	18,683	4.2	791		
Ellie	305	17,749	4.3	756		
John M. Umble & Sons						
Sadie	292	19,892	4.0	786		
Carrie	305	19,245	4 0	767		
Calvin R Blank						
Effie	305	21,471	3 7	784		
Rothenberger Bros						
103	305	21,435	3 7	783		
112	305	20,544	3 6	732		
Charles J Moore						
7	305	21,128	3.7	783		
111	305	20,424	3 7	765		
S R. & M.J Matthews						
45	305	16,973	4 6	780		
46	305	18,650	4 0	738		
Walmoore						
925	305	20,894	3 7	776		
837	305	19,545	3.9	770		
Edwin C Todd						
Jody	305	17,117	4 5	776		
Quiet Valley Farm						
Almond	305	21,001	3.7	775		
A Richard Stautter						
Jennie	305	18,605	4 1	769		
Bon	305	17,716	4.2	736		
Elmer A. Mast						
Jenny	305	20,201	3 8	768		
W Flowr	305	20,767	3.7	766		
Susie	305	19,785	3.9	764		
Mars	305	13,373	5.3	703		
Harry L Griest						
35	296	16,473	4 6	763		

(Turn to Page B41)

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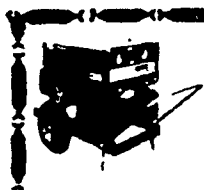

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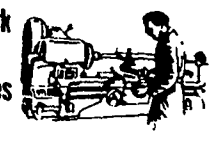

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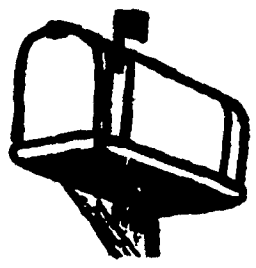

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MAILBOX MARKET

For Sale- JD transport disc, NH elevator, 16' flatbed wagon, Sch Co 717-345-4882.

For Sale- Well seasoned firewood, locust posts, direct wholesale savings for "stocking up now" Beat winters shortages/prices after 6 p.m. 717-755-1130 Lanc./York.

For Sale- 3 bred heifer cows (2 with calves at side) $2,100.00 Lanc. Co. 717-786-4633.

Wanted- Pole jacks with or without poles, Lanc. Co 717-665-7245

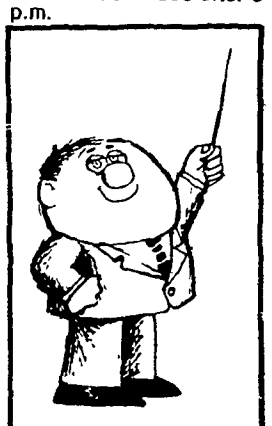
For Sale- Reg. Suffolk yearling ram, (twin) Frostaire bloodlines, Also 5 wk. old rabbits, Lanc. Co. 717-786-7716.

For Sale- 3 Reg. Purebred Simmentals Bulls w/ Pedigrees from Galant Parisien, Beat. 717-224-4495 Wayne Co

For Sale- Good square back sleigh, good two horse farm wagon, complete, $550 for both. York Co. 717-938-2372.

For Sale- IH 450 3 B 16 in automatic reset plow, York Co. 717-225-3380.

For Sale- 2 drums of #10 oil, 55 gal. each, never been opened. Salem Co., N.J. 609-358-8135 after 6 p.m.



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MAILBOX MARKET

For Sale- AC D14 power unit, good cond, new valve job, $1175. Ezra Beiler, RD1 New Providence, Pa. 17560.

For Sale- MM Model R tractor with power take off & pulley, used less than 600 hrs. Bucks Co. 215-536-3842.

For Sale- Reg & Grade Quarter horses, fillys & stallions, $150 up, or trade for grain, tack. 717-353-6716 Tioga Co.

Wanted- Interested in 57 Dodge 300 truck for parts, around Lawn or Dodate. 717-272-1013 Leb. Co.

For Sale- New Zealand white rabbits, 2 very nice does with pedigrees, $10 ea. York Co. 717-244-9576.

For Sale- JD 3300 gas combine, 2 row head, 10' platform, 800 hrs, ex, best offer. Oak bale body. Luzerne Co. 717-256-3003.

For Sale- Old Homestead log house, bar & added rooms, along blacktop road. West Perry Co. Call after 5 p m. 717-536-3130.

For Sale- Westgo rock picker, new cond. $1100, New Mayrath hyd auger, 6'x11', $375 Chester Co. 215-286-9391.

For Sale- Centerville 6-ton Tag-a-Long trailer, $2000 or will trade for farm equipment. 2-78x14 winter tires, 717-896-3656 Dauphin Co.

For Sale- Economy 48" snow blower, fits Power King tractor, like new Leb. Co. 717-866-4802.

Wanted to Buy- Freeman 2000 loader sub frame and dirt bucket for David Brown 995. 304-738-2198.

For Sale- Locust posts, round & square, 10 acres of corn. 814-733-4669

For Sale- Eggomatic egg grader, $50, also Dutchman rollaway nests, exc. cond. Monroe Co. 717-629-0779.

For Sale- Young Toulouse geese and Suffolk sheep, 2 reg. ram lambs, were show sheep. Northampton Co. 215-262-4176 or 215-262-0672.

Wanted- 1 wk to 2 mo. heifer calves. John S. Lapp, 316 N. Hollander Rd., Gordonville, Pa. 17529.

For Rent- Farmhouse 3 BR, elec. and wood range, truck patch, Berks Co. 215-944-8811.

For Sale- Craftsman tools: 10" table saw $260, Shaper $260, 15' floor drill press $275, bandsaw $265. 215-275-7170.

For Sale- Bay hackney pony 50" gelding drives or loan to plain person for free board. Leb. Co. 717-272-6819.

For Sale- 7 old glass candy containers, all perfect, 1 tank, 1 locomotive, 1 Scottie dog, 1 bus, etc. 301-374-4724

For Sale- JD 3300 dsl. combine with 13' 213 grain head, low hrs, like new 215-297-5416 after 7 p m

For Sale- Elec belt conveyor 9'x24"W, 4-roller conveyors 10'x2'; 6 roller conveyors 10'x1' 717-626-2074.

For Sale- 100-40 lb feeder pigs, ½ mile west of Georgetown John B Fisher, RD3, Quarryville, Pa. 17566

For Sale- Reg 2½ yr Percheron stallion by Jean's Laet Will make ton horse, best disposition 804-525-5417 after 8 p.m.

For Sale- 1973 Pontiac Catalina, 2 door hardtop, 60,000 miles, for parts only, $50. Chester Co. 215-932-4728

For Sale- 30,000 pullets, ready to lay. Cage grown, load lots only 717-626-8257

For Sale- Snow blade for IH Cub Cadet 125 & other models, good cond $90. 215-856-7856

MAILBOX MARKET

For Sale- 1966 Dodge P300, step-in van equipped w/meat case, block ready for house to house delivery York Co. 717-428-1602.

For Sale- 60,000 BTU lb white heaters, LP & natural gas, very good cond. 2 yrs. old. 717-755-6734 York Co.

For Sale- Farmall M w/model 2ME mtd. corn picker, in working cond., $750 or best offer. Harford Co. 301-836-1469.

For Sale- Baker's grade honey, $8/gal. Little Wonder 4 frame honey extractor. Dauphin Co 717-896-8637.

For Sale- Semen Elevation Pete, $90; Conductor $40; Sexation $50; Skokie Ivanhoe Star $30. All in straws 301-692-2602.

Wanted- Pair of tractor chains in good cond. for 14.9x28 tires, JD 717-345-8651 after 3 p m.

For Sale- Red & white and black & white holstein heifers. Blood tested due Jan. and Feb. Lanc. Co 717-354-5974.

Wanted- One tractor tire, size (9.00x24 used) to fit 1939 Farmall A tractor, 215-286-9559 Chester Co.

For Sale- ADGA 2½ yr old LaMancha buck, Dam is permanent champion, Granddam, is 1977 National champion, Lehigh Co 215-756-6566.

For Sale- Norway shade trees, 2 mantle Coleman gas lanterns, Lloyd H. Martin, Box 786 New Holland #1 Pa.

For Sale- 8 hp Gravely custom convert tractor w/30" mower, excellent cond., $475. Montgomery Co. 215-643-0305.

For Sale- 12 in. A.M. Dellinger hammer type mill w/self feeding rolls $150 and choice of 2 endless belts, Montg. Co. 215-539-5045.

For Sale- V-Bar crosschains 13"-16". 25 to bag $50. Dayton scales 15 lb. 01 to 1.25 $50. 215-696-1703 Westchester.

Wanted- Rollo or tumble ground scoop Daniel B. Stauffer, Route 1 Box 416 Port Trevorton, Pa. 17864.

Wanted- 3 pt. hitch for 1950 JD B. For Sale- 1969 C50 Chevy, heavy duty truck Mont. Co Md. 301-253-4271.

Capons For Sale- fresh dressed, F.F.A project, Lanc. Co. 717-872-4565.

For Sale- Netherland dwarf, Dutch, pedg. mini lopp bunnies, meat rabbits, Antique Victorian loveseat, platform rocker, 2 chairs. York Co. 717-244-1177.

For Sale- Oliver 550 new rubber, 717-733-6717

For Sale- McCormick Deering milk separator, good cond Amos D Lapp, 1561 E. Newport Rd., Lititz, Pa. 17543

For Sale- Reg. Quarter horse mare bay, 4 white socks, 14 2 hands. Lanc Co 717-397-4493 after 5 p.m.

For Sale- Morgan horse, dark chestnut, broke to ride Jonas S Riehl, 2931 Old Phila Pike, Bird-in-Hand, Pa 17505, Lanc Co.

For Sale- AKC Tri-color bluetick Beagle pups, 14 wks old, parents are good hunters. 717-949 3425 Leb. Co

For Sale- Used Badger XP-24 silos unloader for parts & Jamesway barn cleaner unit & other parts Leb. Co. 717-865-4240.

For Sale- Son-De Acres milk goats, reg. Alpines, Lamanchas, Toggenbergs, $150 & up, most due Feb. & March. Cumberland Co 717-532-3006.

For Sale- Approx 400 running ft. of hand hued 4x6. John J. Yoder, 145 Rose Valley Rd, Dover, De 19901.

MAILBOX MARKET

Wanted- Used livestock clippers, good cond. 717-426-1395.

For Sale- 30 Hol. feeder steers, 600-800 lbs., Potter Co. 814-435-2314.

For Sale- Used Lenox coal furnace w/blower, exc. $200. Potter Co. Hunting Ground, 5 acres. $4950. 717-733-4346.

For Sale- Burroughs cash register, has tax key, customer receipt & grand total. B.K. Fisher, Ronks, PA Lanc Co.

For Sale- 10' Brillion chisel plow, like new, used one season, $2300. Carroll Co., MD 301-662-5419.

Wanted- 20' silo unloader, ring drive Jamesway or Badger. 717-253-2063.

Free to good home- small black Lab-Setter mixed, 10 mo. female, lovable, good with kids. Lanc. Co. 717-872-5528.

For Sale- Female Pomeranian 8 mo. sable, very active, had shots $90. Lanc. Co. 717-684-0452.

For Sale- JD hammermill powered by a 2 cylinder Wis. engine with PTO clutch Leb. Co 717-838-6270.

Would like to hire someone with equip. to empty my semi-solid manure storage or rent me equip. 717-298-2654 Lehigh Co.

For Sale- Ford 9N tractor, with loader, reconditioned, new back tires $2,150 firm. Mercer Co. 609-585-4356.

Wanted- Child's riding tractor for 3 yr. old boy. JD or any other make, in good cond. Leb. Co. 717-865-2022.

For Sale- Heavy Barred Rock roosters raised on the range, live 55 cents/lb. Ask for Nelson. 717-733-6802 Lanc. Co.

For Sale- Boggs potato grader, exc. cond. 301-452-5122 eves. Harford Co.

For Sale- 570 manure spreader, tandem axle, like new, $2500. York Co. 717-229-2500.

For Sale- New Wards oil furnace, 3 parlor stoves, 3B 3 pt. plow. Wanted-good hay. 717-927-6823 eves. York Co.

For Sale- JD 1010 loader, new motor, new under carriage, ready to go David R. Byler, RD2 Box 329A, Dover, Del. 19901.

For Sale- Approx. 1500 bushel basket lids, good cond. $.10 a piece. 717-386-4701.

For Sale- Arabian gelding, 19 mos., chestnut, flaxen mane & tail. Very attractive, intelligent, loving. Chester Co. 215-857-5860.

For Sale- Horse equip., mower, walking plow, 1 row cult., 2 row corn planter, stationary fodder cutter, Massey 12" sp combine. 215-346-7410.

For Sale- 1974 Pinto Hatchback, 4 spd trans., Toggenburg and Sannen milking goats, doe kids, young buck. Bucks Co 215-488-1885

For Sale- Poodles, deep apricot, AKC had permanent shots & wormed, keep trying. 201-475-2571.

For Sale- Old hand turn barn mortise machine, cast iron butcher kettle. 717-432-4597 York & Adams Co. line

For Sale- Elec. typewriter, IBM Executive, exc. cond. $100. New Castle Co. 302-994-2996, before 8.30 a.m. or after 7 p.m.

For Sale- AC CA hydraulic lift, new paint, new battery, good rubber, belt pulley, power take off. Berks Co. 215-929-4661.

For Sale- 400 gallon Girton milk tank, dumping station w/Bender, 2 Delaval pails w/lids all good cond, Mifflin Co. 814-542-8464.

For Sale- Heavy duty log splitter $600. 215-257-7491.

MAILBOX MARKET

For Sale- 15.2 h. 8 yr. old, bay mare, QH-TB cross. Hunted regularly, very sound and safe, $950 Adams Co. 717-359-5010 or 359-5281.

For Sale- 1952 Chevy pickup, newly overhauled, good rubber, good cond, Lanc Co. 717-665-3865.

For Sale- NI 206 spreader on steel $595. Sauder F20 high lift loader, $675. NH 256 rake used 2 years, 717-354-0266.

For Sale- #10 Rife ram to pump water 215-445-6483.

For Sale- Cultivator for Farmall 230 or 200 717-354-9368 Lanc Co. Pa.

For Sale- Butcher hogs live or dressed, Stephen B. Stoltztoos, R#2 Box 190 Cherry Hill Rd., Peach Bottom, Pa.

For Sale- 300 Golden Comet pullets, 20 weeks old on Dec-30. 717-733-4583 Lanc. Co.

Wanted- Hired youth for the winter month. Ivan G. Hoover #4 Ephrata, Pa. 717-354-0595.

For Sale- Chinese Pug puppy, 6 weeks eld. Wormed & all shots including Parvo. Franklin Co. 717-349-7757 Will hold till Christmas.

For Sale- Ford 772 loader w/brackets for Ford 5000. Northumberland Co. 717-742-3216.

Wanted- Steel wheels for MH 44 tractor, state price, Reuben S. Allgyer, R2, Parkesburg, Pa. 19365.

For Sale- Belt pulley for D-17 AC. AC D-17 tractor, needs repair, good engine, $1000. 301-724-1433 Allegany Co.

Rear window for 1973 Ford pickup $25. Drawbar $15 and torque tube w/starter hole. Horseheads NY 607-739-0678.

For Sale- AKC Cocker Spaniel male, buff & white Lanc. Co. 215-445-4267.

For Sale- Orders taken for Sex Sal pullet, 20 wks old by Jan. 22. Henry K. Beiler, Christiana, RD#1

For Sale- 8 wk. old white New Zealand rabbits, nice Christmas gifts, 717-291-9786 Lanc. Co. 17601.

For Sale- Oliver Cletrac crawler w/belt pulley & PTO $500. Smucker's repair shop 81 Summit Hill Dr. R#1 Strasburg, Pa. 17579.

For Sale- 12 ton divided bulk bin w/metering hoppers, Stephen J. Stoltzfus, RD Gap, Pa. Box 275, 17527 717-442-9055.

Wanted- Rubber tire wheels for Ontario grain drill, steel wheels, Jonas D. Kinsinger, RD2 Box 94, Oakland, Maryland, 21550.

For Sale- Reject Gravity boxes, also 2 slightly used gravity boxes. Also wanted to buy ear corn Lebanon Co 717-272-5089.

For Sale- Large size model 1200 M.M corn sheller w/40' of drags, Levi S. King, 562 Houtztown Rd., Myerstown, Pa. 17067

For Sale- 2-12 hole Smidley hog feeders, 1-12 hole Stoltzfus hog feeder. Elmer K Glick, R1, Gap, Pa.

For Sale- 1936 Ford flatbed dump truck, 90% restored $4500. 1941 Plymouth, 4 door Deluxe, 215-693-5021 after 5 p m Berks Co.

For Sale- 100 assorted pullet $1 00 each, few locust posts. E.Z. Stoltzfus, R1 box 230 Bird-in-hand 17505, 717-394-3607

Wanted- Bottom metal roll for Case #555, 9 ft haybine. Luzerne Co 717-788-2361.

A steal. Polaris TX340 with cover, excellent cond., postively like new, $1100. 215-866-7723, Northampton Co

Wanted- One or more quonset style greenhouses, Lanc Co 717-367-5631

MAILBOX MARKET

For Sale- Bollens 770 garden tractor with attachments $475. Heavy duty Hobart dough mixer, $135, Berks Co. 215-777-4579.

Wanted- Heads for V8 MF model 1150 tractor also Farmall Super A tractor any condition, 215-598-7546.

For Sale- Cast iron enamel cook stove, excellent cond., 215-593-5754.

For Sale- Model 500 Warm Morning coal heater, $300. 215-445-4464 Lanc. Co.

For Sale- 2½ year old Appaloosa filly. Palamino with white blanket, gentle disposition, $500. 215-536-2284.

For Sale- Complete kit to convert standard Chevy, Ford, Dodge or GMC pickup into a dump truck, $650. Northampton 215-767-9039.

For Sale- 3200 bu. grain bin, 7 aluminum awnings, 2 aluminum porch posts Best offer, Franklin Co. 717-263-2393 or 717-263-0080.

For Sale- Green and ivory cook stove, good cond., $275. Isaac K. Stoltzfus, Roberts Road, Quarryville #2 Pa. 17566.

For Sale- Large amount Massey Harris tractor manuals. —716-554-6479 Yates Co. NY.

For Sale- 2 Niagara Thermo cyclopad with heat & cyclp action motor, Lanc. Co. 215-267-7049.

For Sale- IH 300 Utility tractor, loader, rebuilt $6,250. Baker fork lift $2500. 42 Dodge 4 WD pwr wagon $700. York Co. 717-244-5130.

MAILBOX MARKET

For Sale- Lely fertilizer spreader, A1 condition, Henry L. Beiler, R1 Box 279, Kirkwood, Pa. 17536.

For Sale- Desk model sewing machine, cabinet and chair, good cond., $25. 717-354-9127.

For Sale- 4020 overhauled two years ago, pto fixed new last year, Robert Bollinger, Middletown Rd., Freeland, MD 21200.

For Sale- Big Dutchman feed bins, 12 ton also liquid manure pump, 3 pt. hitch, Somerset Co., NJ 201-356-6331.

For Sale- 1973 IH 1700 Loadstar 345 V8 5 speed trans. takes 18' body, very clean, asking $2000. Salem Co. NJ 609-358-8381.

For Sale- 5-6 tons of straw $48/ton at farm. Wanted-10-24 or 9-24 tractor tire, 717-397-4561 eve, 717-569-1470, Lanc. Co.

For Sale- 4 wheels for 73 Vega-3 w/tires-$10 each - 2 wheels 73 Plymouth Fury 111. Cecil Co. 301-658-6978.

For Sale- Two toy collies, 7 mo. $35 ea. Three bucks and two does starting $35 Wanted- pony saddle, Dauphin Co. 717-533-7277.

Wanted to Rent- Complete dairy farm in Adams, Franklin or Cumberland Counties after 5 p.m. 717-677-6804.

For Sale- Have small skidsteer loader, goes through 40" doors, W. Dyson Fisher, R1 McVeytown, 717-899-7989 Mifflin or Huntingdon

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(Please supply information in full.)
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NAME _____

ADDRESS _____ BOX _____

CITY _____ COUNTY _____

STATE _____ ZIP CODE _____

Chester Co. DHIA

(Continued from Page B39)

Gideon Stoltzfus Jr				
Lulu	305	18,848	4.0	/58
Norma	305	17,259	4 4	/56
Penn Lea Farm				
188	305	20,483	3 7	/55
Edgar Miller				
Toby	305	20,675	3 6	/51
Donald M Horning				
35	305	19,430	3 9	/51
James V. Yale				
2	299	17,897	4 2	/47
Glenville Farms				
217	305	18,091	4 1	/46
William High				
178	287	17,845	4 2	/45
11	305	21,497	3 4	/25
Getaway Farm				
258	305	17,400	4.3	/43
Benjamin K Kauffman				
I Model	305	17,076	4.3	/37
Jonas E Stoltzfus				
R Queen	305	18,836	3 9	/34
John E. King				
Burky	305	17,816	4 1	/34
Benjamin K. Kauffman				
Tilly	305	22,035	3 3	/23
Samuel B Acker				
B24	305	21,253	3 4	/23
B18	305	20,178	3 6	/19
Milky Run Dairy Farm				
Tanya	305	16 528	4 4	/21
David & Tim Kauffman				
Becky	300	16,917	4 3	/19
Elvin P Graybill				
Didget	305	17,273	4 1	/16
453A	303	18,183	3 9	/10
Paul M Snader				
86	278	17,543	4 1	/14
Mt Olivet Farm				
74	305	19,702	3 6	/13
138	305	19,398	2 7	/13
Joseph S King				
Hattie	278	16,354	4 4	/12
Hargret Dairy Inc				
2	305	18,258	3 9	/11
Tom Halladay & Son				
Jonnie	305	16,367	4 3	/10
Timothy Kauffman #1				
Patsy	305	17,323	4 1	/07
Mildred Seeds				
Charity	280	13,937	5 0	/02
Donald Speakman				
118	305	17,974	3.9	700

OWNER	BREED	NO. COWS	% DAYS IN MILK	LBS. MILK	% FAT	LBS. FAT
D & I Kauffman	3	270	971	643	36	230
Robert E Pebble	3	690	899	581	36	211
Charles J Moore	B3	551	943	636	33	2.10
Robert E Pebble	3	689	933	564	3.7	206
Ardrossan Farms	1	1147	928	525	39	204
Melvin Stoltzfus	3	340	837	539	37	202
George P Lamborn	3	400	852	575	3.4	1.98
I Kauffman #1	3	376	869	538	3.6	196
Willowland Farm	3	598	897	528	3.7	1.95
Dunwood Farm	3	513	894	464	41	1.89
H & R Mason	3	983	839	501	37	184
Paul King	3	828	876	491	37	1.84
Simon J Zook	G3	428	886	521	35	183
Beiler & Barlow	3	748	965	508	36	182
John Umble & Sons	3	450	825	468	38	180
Wilmer Hostetter	B3	430	939	523	34	1.80
J Elmer Lapp	3	410	966	510	35	180
Mildred Seeds	4	120	894	372	48	180
Walmoore	B3	1493	881	517	34	178
Jonas B Stoltzfus	3	405	808	464	38	1.76
Herman Stoltzfus	3	527	878	480	36	1.75
Glen H Freese	3	696	846	474	36	172
G Stoltzfus Jr	B3	465	910	503	34	172
Elmer A Mast	B8	710	85.0	462	37	1.71
Newton Evans Jr	3	691	90.5	492	3.5	1.70
Calvin R Blank	B3	511	765	465	37	170
J. Kenneth Landis	B3	520	942	440	38	1.69
Walmoore #3	B3	1465	882	476	35	1.68
Kulp Bros	G3	862	864	447	37	167
Daniel Stoltzfus	B3	396	878	46.4	36	1.66
Calvin S Kurtz	B3	665	907	455	36	166
James V. Yale	B3	651	908	461	36	1.65
Breck A-De Farm	3	802	856	475	35	1.64
Hargret Dairy Inc	B3	494	821	47.0	35	1.63
Merle J King	B3	826	78.6	436	37	1.62
V Guest & Son	B3	83.7	824	433	37	1.62
R. Proud & Son	B3	643	92.0	453	35	1.60
Christ Stoltzfus	3	556	849	452	35	1.59
F Miller & Sons	B3	68.0	811	436	36	1.58
H & H Dairy Fms	B3	634	943	450	35	158
M & J Edwards	B3	650	82.7	417	38	157
Jonas Z. King	B3	38.3	869	475	33	1.57
Harold Kulp B3	/1.6	84.9	849	423	37	157
Earl Mast	B3	330	886	460	34	1.56
Round Top Farm	B3	80.0	855	461	34	1.56
Andrew K King	B3	42.0	823	432	36	155
David E. Weaver	3	89.3	787	44.0	35	1.52
David Windle	3	44.1	793	438	35	1.52
Arthur D. Hershey	3	490	933	49.4	31	1.51
M McDowell Jr.	B3	75.5	828	414	36	1.51
Joseph I Kulp	B3	480	816	408	37	151
Milky Run Dairy	B3	39.1	921	441	34	1.51
Robert Dolinger	G3	28.9	89.6	441	34	1.51
James L. Marsh	00	39.0	1133			
William High	3	93.6	854	439	34	1.50

CONSIGNMENT AUCTION

MONDAY, DEC. 14, 1981

9:30 A.M.

★ Usual Run of Tractors, Machinery and Construction

★ Sale Starts with Christmas Selection of Tools & Tarps

WE ACCEPT CONSIGNMENTS ANYTIME

Tractors sell at approximately 2:30 followed by construction

WENGER'S FARM MACHINERY, INC.

251 S. Race Street, Myerstown, PA 17067
717-866-2135

PUBLIC AUCTION

MARTIN AUCTIONS

of Four Valuable Properties
For the Estate of
William G. Randler

MONDAY, DECEMBER 14

Number 1. 18.23 Acres of Land, in Clay Township, Lancaster County, Pa. Located along Mt. Airy Road, between Mt. Airy and Hopeland. Zoned Rural Residential.

Number 2. 10 Acres of land, in Clay Township, Lancaster County, Pa. Located just West of Mt. Airy along Church Road. Zoned Residential Low Density.

To get to Mt. Airy, take route 322 west from Ephrata to Durlach Road, turn right onto Durlach Road, 2 miles to Mt. Airy.

Auction of Clay Township properties, to be held at property No. 2, at 12:00 NOON on Monday, December 14, 1981.

Number 3. 42,295 Square Foot wooded lot, in West Cocalico Township, Lancaster County, Pa. Located along Swamp Bridge Road, between Schoeneck and Reinholds. Zoned Open Space.

Auction of West Cocalico Township lot to be held at the lot on Monday, December 14, 1981 at 2:00 p.m.

Number 4. 61.29 Acre Farm, in West Cocalico Township, Lancaster County, Pa.

Location: Take route 272 North from Ephrata to Schoeneck Road, turn north on Schoeneck Road, through Schoeneck, to Hertzog Valley Road, turn right onto Hertzog Valley Road to property on left.

To be offered in 4 parcels and as a whole.

Parcel No. 1: Consists of 25.38 Acres and Farm Improvements.

Parcel No. 2: Consists of 11.56 Acres.

Parcel No. 3: Consists of 14.6 Acres.

Parcel No. 4: Consists of 7 lots to be offered as 1 unit of 9.75 Acres.

Auction of the above Farm to be held on the Farm on Monday, December 14, 1981 at 3:00 p.m. Zoned:

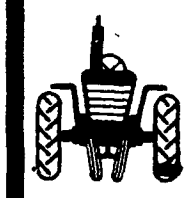
Drawings of each property are posted on the premises.

Terms: 10% down day of Auction, balance at Final Settlement within 60 days.

Inspection or Detailed Brochure: Call Ephrata National Bank Trust Dept. (717)-733-6576 or call Auctioneers.

Public Auction by
the Estate of William G. Randler
Ephrata National Bank Executor
Thirk, Reist & Posey, Attorneys
Auction Conducted by:
John E. and Paul E. Martin, Auctioneers
(717)-733-3511 - (717)-733-3305
Ephrata, Pa.

GRAIN FARM MACHINERY AUCTION



SATURDAY
DEC. 5, 1981
at 10 A.M.
Phillipsburg, N.J.

For Marie K. Litton, located on Henston Rd., off Rt. 57, opposite Wicks Lumber Co. Entrance, 1½ miles East of Phillipsburg, N.J. Lopatcong Twp. From Rt. 22 - 78 at circle take Rt. 519 North Hensfood Rd. by Hineline Meat Plant. Blizzard Date Mon. Dec. 7, 1981.

10 A.M. SHOP ITEMS - torch set, drill press stand, elect. saws, grinder, copper tubing, various machine parts, belts, hyd. hoses, some hand tools, Dayton meat scale, Vises, oil, etc. Simplicety 4008 and Sears riding lawn mowers.

CHICKEN EQUIP. - brooder, egg grade, 480 cages, feeders, various other chicken equipment. Grain tester, various seeds, waxy corn, Sudex, etc. Sprays, cans of Lasso, Lorox, Bladex etc. Feed carts, various barn fans, 3 fuel tanks, gates, electric fencer, fence wire and posts.

12 NOON COMBINE - John Deere 4400 DL self propelled combine w/4 row 443 corn hd. and 13 ft. grain hd., cab etc.

TRACTORS - Ford 8600 DL tractor Dual power W.F. 3 PTH 1000 hrs, J.D. 2630 DL W.F. 3 PTH 807 hrs., J.D. 1010 row crop W.F. 3 PTH w/fully hyd front end loader, Ford 5000 DL tractor 3 PTH. W.F.

TRUCKS - 1975 IHC Loadstar 1600 w/factory 330 bu. metal grain dump body, 2 spd. rear, 14,000 miles. 1964 Chev. 60 w/275 bu. dump grain body. 1964 Chev. 60 cab over w/12 ft flat bed, 1971 Ford Econoline as is.

FIELD EQUIPMENT - J.D. 4 row 7000 maxi merge corn planter 30" w/monitor, J.D. 17 hole grain drill, IHC 4 btm 710 auto reset semi mtd. plow, Taylor Way 3 PTh 10 ft. chisel plow, Allied 12 ft. heavy transport disc, Dunham 12 ft. cultimulcher, 2 sec. harrow, 400 gal. field sprayer, N H. 68 hay baler, N.H. 3 PTH 7 ft. mower, 3 PTH Ferguson hay rake, 2 flat hay wagons, 3 PTH cultivator, N.I. 165 bu PTO manure spreader, Ford 5 ft. rotary mower, N.I. 3 PTH spinner fert. spreader, snow plow w/frame.

GRAIN BINS - AUGERS ETC. - Stormor 5200 bu. bin w/dryer unit built in, spreader, stirator, Dryomation farm fan and loading auger, sells complete! Stormor 5200 bu. bin w/fan., 24 ft. bin sweep auger, Cardinal loading auger. hyd unloading auger for trucks, N.I. 30 ft. transport auger, Allied 34 ft. PTO transport auger, Mayrath 20 ft. transport auger w/high jack, 50 ft. PTO transport auger. Various small augers, 12 ft. floor pit auger, grain fan

BUILDINGS - Pole shed 66 x 50 Alum. & pole construction 3-60x100 chicken houses.

AUCTIONEERS NOTE: Due to the fatal farm accident of Mr. Litton, Mrs. Litton has decided to discontinue the grain farm operation. Equipment has been kept under cover and is in good condition! With the high cost of new machinery, attending this sale can be very profitable! Owner and Auctioneer not responsible for accidents! Lunch available!

TERMS - Cash or Good Check with Identification, Paid in Full Sale Day!

Owner,
MARIE K. LITTON

Sale Conducted By:
Col. Fred R. Daniel Auctioneers Inc.,
Neshanic Sta., N.J. 201-369-4784
Farm Sales are our specialty

NEED MORE ROOM? Read The Classified Real Estate Ads

PUBLIC AUCTION

SATURDAY, DECEMBER 5
at 10:30 A.M.

Consignment auction to be held at our place of business on the corner of Rt. 38 and 38B, Newark Valley, NY. We will have a selection of gas and diesel farm tractors large and small plus construction equipment:

Case 1150 crawler loader w/ripper; IHC 2544 diesel trencher w/6 way blade; Trojan 154 4 wd loader and Misc. 2 wd loaders; Case 1737 skid steer loader plus trailers, trucks, etc.

FARM MACHINERY:

JD BWF 16' folding disc; Ontario 16x8 grain drill w/grass feeder; 16' Brillion transport harrow; JD 495 4 row planter; 14' Kasten forage wagon w/gear; NH 518 spreader; NH flail chopper; plus much more.

MISC.:

New and used tools and tarps, plus coins, tires, parts, snowmobiles, golf carts, steel steers, cars, electrical equipment, etc.

Terms: Cash or Good Check day of sale.

Boom tractor, forklift, and loading dock on premises. Loading facilities.

Items subject to change due to daily business.

We need your consignments for this auction

We can pick up and deliver.

Turn those unwanted items into cash!

Oct. 31st auction we sold 95 percent.

Costs nothing if you don't sell, but you probably will!

SALE MANAGED BY:

GOODRICH AUCTION SERVICE

(607) 642-8688
Rt. 38 & 38B
NEWARK VALLEY, N.Y. 13811

Auctioneers and Ringmen:
Ed Goodrich Jr., Newark Valley
Jack Huffey, Cooperstown
Harvey Clary, Montrose, PA

Sale Reports

A public auction of real estate was held November 21 by Edward Folk, R5, Bloomsburg, Columbia Co.

The 31 acre plot located off Route 11, north of Bloomsburg was sold for $80,000. It contained 20 acres approved for 40 building lots and 11 acres with commercial frontage.

John Autotore and son were the auctioneers.

SADDLE UP!
To Better Equipment... Find It In Lancaster Farming's CLASSIFIEDS!

Sale Reports

A public auction of farm equipment was held November 19 by John M. and Lena H. Nolt, R.D. 1, Stevens, Lanc. Co.

Some prices were: M.F. 265 D tractor $6500, M.F. 65 tractor $1,830, N.H. 353 grinder-mixer $4,800, N.I. corn picker $2,700, N.H. 275 baler w/thrower $1,685, N.H. Haybine $1,300, Int. auto.-reset 3-bottom plow $1,450, 20 KW generator $1,400, second-cutting alfalfa hay $122.50 per ton, first-cutting alfalfa hay $92 per ton and wheat straw $47.50 per ton.

Auction conducted by John E. & Paul E. Martin.

xxx

A dispersal was held on November 19 of cows and dairy equipment for Seebold Bros., 5 miles west of Selinsgrove, in the village of Freeburg.

The top price for a grade Holstein was $1,625, the second high price was $1,575, and third high price was $1,550 with several ranging from $1,300 to $1,425.

A mow of 2,000 bales of hay sold for $2,175 and a mow of 1,500 bales of oats straw sold for $1,100. The 400 gal. Girton milk tank brought $875.

Mark Glick and Art Kling were the auctioneers.

xxx

A public auction of tractors and farm equipment was held November 21 by E. Ray and Linda L. Cornett, R3, New Oxford.

Some prices were: M.F. 180 D tractor $5,500, M.F. 1080 D tractor $7,500, loader for same $1,400, M.F. 2135 industrial tractor & loader $2,600, M.F. grain drill (like new) $480, Woods C-80 3 pt. rotary mower $600, Brillion cultipacker $490, M.F. 81 Hay conditioner $1,050, M.F. 29 chisel plow $1,000, M.F. 300 combine $4,200, 2 gravity wagons $475 & $490, N.H. manure spreader (like new) $4,200, Papec Model 880 grinder-mixer $2,650.

Dennis J. Plunkert was the auctioneer.

xxx

An auction of antiques and collectibles was held November 18 at Lykens Valley "Shop and Play Hall", Lykens.

Some prices were: woodbox $45, wash stand $75, 3 pc. late Victorian livingroom suite $55, blanket chest $150, rope bed $25, 2-pc. Dutch cupboard, $575, round pedestal table $325, 4 Chippendale centennial chairs $800, milk cupboard $125, bowl-back Windsor chair $325, keyhole desk $60, 4 arrowback chairs $160, miniature decorated chest $285, appliqued quilt $1,025, Tiffany-type table light $180, Cowden-Wilcox 3 gal. jug w/man in the moon decoration $1,000.

Lee D. Dockey was the auctioneer.

xxx

A public sale of farm machinery was held November 21 by Larry Yarger, ½ miles east of Mifflinburg, Union Co.

Prices included: I.H. 656 D tractor $5,600, I.H. 200 tractor $1,400, '72 Ford dump truck $4,700, Great Dane 6000 gal. tank trailer $900, A.C. loader & bucket (needs repairs $1,300, Gehl High Throw silage blower $460, N.I. 311 two-row corn picker $2,150, Brady tank spreader $300 and Farmec 28' elevator $400.

Auctioneer was Ken Smith.

xxx

A public sale of real estate was held November 21 by the trustees of the Bowmansville Fire Co. in the village of Bowmansville, Lanc. Co.

The large 2 story cement block building situated on a lot of 40 perches was sold for $29,000 to Linford Good of Bowmansville. A new Fire Hall is being built.

LeRoy S. Horst and Glenn E. Fulmer were the auctioneers.

xxx

A public sale of farming equipment and guns was held November 21 by Marvin L. and Susie L. Habegger, along Route 322, 4 miles east of Ephrata, Lanc. Co.

Following are some of the prices: J.D. 40 tractor $1500, Ferguson 35 tractor $1850, Holland spade pot planter $1,225, mechanical vegetable & strawberry planter $500, field sprayer $720, 3 pt. plastic mulch layer $460, Bush Hog rotary mower $340, 2-bottom plow $250, 1-bottom plow $175, 1976 Chev. Suburban $2,600, 1979 Queen-Ownes trailer w/racks $600, Lincoln Welder $120, Revco Freezer $350, steam engine whistle $130, Winchester Model 88 308 caliber gun $325 and Remington Model 706 243 caliber gun $255.

Auctioneers were Lamar Z. Sensenig and Paul W. Horst.

TWO LARGE AUCTIONS
MONDAY, DEC. 7
9:30 A.M.
MANKATO IMPLEMENT, INC.
JOHN DEERE DEALER
MANKATO, MINNESOTA

Selling $1,000,000 inventory of tractors, combines, corn heads, platforms, sprayers, planters, tillage equipment, lawn & garden equipment, rotary hoes, drills, disks, cabs, plows, cultivators, loaders, snowmobiles and other miscellaneous equipment.

TUESDAY, DEC. 8
9:30 A.M.
MINNESOTA IMPLEMENT CO., INC.
GRAND MEADOW, MINNESOTA

Selling 100-150 tractors of most makes and models, 25-30 combines, corn heads, plat., plows, discs, planters, industrial equipment, hay equipment, tillage equipment and other equipment.

The above two auctions are absolute auctions and the equipment will be sold at absolute auction without reserve or minimum to the highest bidder. Plan now to attend. Write for sale bill or for more information call.

Owner,
CON CLEMENT
Grand Meadow, Mn.
507-754-5121

Sale Conducted by
Midwest Auction Company
Grand Meadow, Minnesota

Seif & Danoff Attorneys At Law
Gerald Danoff, Trustee
Painter's Mill Professional Building
Owings Mills, Maryland 21117

TRUSTEE'S SALE
In Bankruptcy
HIGHLY VALUABLE FARM
LAND & IMPROVEMENTS

LOCATED IN RISING SUN, CECIL CO., MARYLAND. TOTALING 795 ACRES, more or less, presently ZONED A-R; detailed as follows:
Sale on the premises at main complex; see directions below.

SATURDAY, DECEMBER 12
12:00 P.M. Sharp

Pursuant to Notice of Hearing in the U.S. Bankruptcy Court for the District of Maryland, In Re: John M. Connelly, Jr., Case No. 81-2-0820, the undersigned Trustee will sell at public auction the following real estate and improvements, free and clear of all liens, located on Connelly Road, Rising Sun, Md. From Pa. state line, Rt. 222, go south ½ mi. to Connelly Road, east 1 mi. to farm. From Rising Sun, go south on U.S. Rt. 1-4 mi. to Connelly Road, west 1 mi. to farm.

PARCEL 1. This parcel consists of approx. 184.5 acres, more or less, of which 138 acres, more or less, is highly tillable; the balance being wooded or partially cleared. This parcel fronts on Connelly Road and there are no improvements.

PARCEL 2. This parcel consists of approx. 127 acres, more or less, of which 96 acres, more or less, is highly tillable; balance is wooded. Parcel fronts on Bridge and Quarry Road.

IMPROVEMENTS: 1. 1 story frame house, very old, in fair condition, with living rm., lg. kitchen, 3 bedrms., space heater & well water. 2. Frame barn approx. 2500 sq. ft. in poor condition. 3. Frame barn approx. 2300 sq. ft. in good condition.

PARCEL 3. This parcel consists of approx. 258 acres, more or less, of which 194 acres, more or less, is highly tillable ground. Remainder is in woods or pasture with possibility of farm use for a portion thereof. Fronts on Connelly Road.

IMPROVEMENTS: 1. Surge triple 4 triangle milking parlor completed in January 1981; new, modern dairy. 2. DeLaval double six Herringbone milking parlor with large dairy. 3. 3 stall milking parlor. 4. Free stall barns with capacity for 500 cows; concrete under foot. This complex was designed for 5 groups of cattle with water and feed facilities for each group. Mow storage for approx. 400-500 tons of hay or straw available. 5. Manure holding pond. 6. Older building with drive-thru, corn cribs each side & storage area. 7. Concrete block bldg. used for repairs and shop work. 8. Metal/pole machinery bldg. 9. Open pole bldg. used for round bale storage. 10. 2 wire corn cribs. 11. 1 trench silage pit/concrete bottom; cap. 6000 tons, 180x62 & 2 trench silage pits with concrete bottoms, 180x26. 12. Fickes silo 14x50 w/unloader. 13. 3 wells for water. 14. Large swimming pool with filtering system; 3 yrs. old.

PARCEL 3A: Consists of approx. 100 acres, more or less, of which 80 acres, more or less, is highly tillable; remainder in woods or pasture. Fronts on Roop Road.

IMPROVEMENTS: 1. 2 story brick home in good condition; full basement, oil heat, well water. House contains living rm. with fire place, dining rm., kitchen, 5 bedrms., 1 bath. 2. Brick spring house. 3. Wooden bank barn.

PARCEL 4: Consists of approx. 122 acres, more or less, of which approx. 92 acres, more or less, is highly tillable; balance in woods and pasture.

IMPROVEMENTS: 1. Modern concrete block stantion-type dairy barn with stalls; large cap. mow storage. 2. Double silo 12x50 with unloader. 3. Patz barn cleaner. 4. Concrete block dairy. 5. Pole shed for small calves. 6. Open type barn for heifers or dry cows. 7. Frame 2 story home in good condition consisting of living rm., dining rm., new kitchen, 5 bedrms., 1 bath & utility rm.; oil heat, well water. 8. Small frame barn in fair condition. 9. Small frame storage bldg.

PARCEL 5: Consists of approx. 4.65 acres, more or less, of unimproved land fronting on and accessible to U.S. Rt.1.

PARCEL 6: Consists of approx. 1.16 acres, more or less, fronting on Connelly Road.

IMPROVEMENTS: 1 story frame home in excellent condition with 1 car frame garage. Home consists of living rm. with fire place, dining rm., kitchen, utility rm., 2 lg. bedrms., 1 bath, full basement, oil heat, & well water. Subject to Life Estate of Fred & Ruth Connelly.

PARCEL 6A: Consists of 1 acre, more or less, with the following improvements: Very old stone & stucco home in very good condition; consisting of living rm. with fire place, dining rm., lg. kitchen, utility rm., bath & enclosed porch on 1st floor. Second Floor: 5 bedrms., (1 with fire place), & bath. Triple car port and front porch. Subject to Life Estate of John Connelly, Sr.

PLEASE NOTE: After all parcels have been offered, the bids will be held in reserve and the entire tract will be offered as a whole and will be sold in the manner producing the greater amount.

TERMS OF SALE: A deposit of 10% in cash or certified check will be required of the purchaser(s) at time and place of sale. Balance due in cash at time of settlement which must occur within 30 days following the sale. Interest to be paid on unpaid price at 12% per annum from date of sale to date of settlement. Conveyancing, recording, settlement costs and transfer tax and Documentary stamps shall be born by the purchaser.

GERALD DANOFF, Trustee
ABERDEEN SALES CO., INC.
Auctioneers
P.O. Box C
Aberdeen, Md. 21001
Phone: 301-734-6050
734-7105 Night

PLEASE NOTE: Inspection of property from Dec. 7, 1981 thru Dec. 11, 1981 between the hours of 10 A.M. & 4 P.M. or by special appointment.

AUCTION SALE
BUILDING MATERIAL, LUMBER
MOLDING, FLOORING, TILE
SHINGLES, NAILS, PLYWOOD
CABINETS, LUGGAGE, RUGS
TUESDAY, DECEMBER 8, 1981
10 A.M.
ON PREMISES
MILLHURST MILLS,
MILLHURST, N.J.
WHOLESALE INVENTORY APPROXIMATELY $493,000.00

CABINETS, LUGGAGE, ORIENTAL RUGS
57 Base, Wall & Utility Hardwood Kitchen Cabinets, Super Plungers, 392 Pkgs. Weatherstripping, 226 Pcs. Vinyl & Nylon Luggage Sets, Tote Bags, Attaches, Liquor Sets, 12 Log Splitters, 24 - 50' & 165' Vinyl Tapes, 146 Fireplace Sets, 680 Yds. Residential, Grass & Commercial Carpet, 11 Oriental & Braided Rugs 6' x 9' to 9' to 12', 10 Upholstered Sofas & Matching Chairs, 4,880 S.F. Tretford/Eurotex Wool Carpet Modules (54 SF/Ctn.) Asst. Colors w/Foam Back.

PLBG. EQUIPMENT, PUMPS, LIGHT FIXTURES
39 Rheem Elec. Heat Pumps, 22 Bristol & Tecumseh A/C Compressors, Furnaces, 41 Heat Recyclers, 491 Pcs. Galv. Duct Elbows, Pipe by Rainaire, Toilet Seats, 10 Vanities, 196 Kohler Plbg. Fixtures, 41 Gold & Chrome Faucets & Fixtures, 3 Bathtubs, 6 Toilets, 24 Lavatories, 16 Nutone Range Hoods, 90 Pcs. 8' & 12' Halo Track Lighting, 296-3' to 8' Flourescent Light Fixtures - 1 & 2 Bulb, 110 - 2' x 4' - 4 Bulb Lay in Light Fixtures.

SHINGLES, NAILS, DOORS, JAMB SETS
1,487 Bdles. Asphalt Roof Shingles, 80 Rolls 15# Felt Roofing, 100 Ctns. Brick Ties, 83 Rolls Galv. Flashing 6" to 12", 207 Gal. United Coatings Paint, 18,000 Lbs. Nails, Common & Galv. roofing, Underlay, Blued Drywall Etc. 87 - 1 3/4 Ext. Doors, 86 - 1 3/8 H.C. Luan 6 Panel Doors, 150 Sets - 4 5/8" Clear Jambs, 50 Pr. Ext. Door Jambs, 14 Attic Stairways, Fiberglass Insulation.

4 DYNAFORCE AIR CURTAIN HEAT CONFINERS 14' WIDE WITH 3 - 5 H.P. MOTORS IN EACH UNIT

PANELING, PLYSCORE, INSULATION
10,200 S.F. Gold Bond Vinyl Cover Wall Paneling, 33,200 S.F. 4' x 8' x ¼" to 3/4" Sheetrock, Particle Board, Ext. Aspenite, 18,820 S.F. 4' x 8' to 4' x 10' Ext. Siding 5/8", 37,000 S.F. ½", 5/8" & 3/4" x 4' x 8' Plyscore, 23,000 S.F. 4' x 8' x 1" Styrofoam Insulation, 142,400 B.F. 3' x 4' x 1½" to 3½" Urethane Roof Insulation, 25,200 S.F. 4' x 8' x ¼" & 3/16" Wood & Masonite Paneling.

129,000 B.F. LUMBER, REDWOOD, SIDING
129,000 B.f. 2 x 3 to 2 x 10 R/L Lumber & Studs - Hem Fir, Cedar & Redwood, 13,600 B.F. 1 x 8 Knotty Pine Paneling, 8,000 S.F. Clear Redwood & Cedar T & G 1 x 3 to 1 x 8 (S 4 S), 41,000 S.F. ½" x 6 Clear Mahogany Bevel Siding, 4/4 & 8/4 Clear Sugar Pine, 18,600 B.F. 1 x 3 to 1 x 18 White Pine, 39,800 B.F. Bevel T & G and Channel Rustic Siding Cedar & Pine - 1 x 6 to 1 x 10.

CERAMIC FLOOR & WALL TILE, CEILING TILE
4,600 S.F. 12" x 12" Ceramic Floor Tile - Asst. Colors, 2,480 S.F. 4"x4" Ceramic Wall Tile, 4,920 S.F. 12" x 12" x 1/8" Vinyl Asbestos Tile, 600 Ctns. (96 SF) Hoyne Decorative Mirror Tile 12" x 12" Asst. Patterns, 462 Ctns, 2' x 4' & 12" x 12" Armstrong & Celotex Ceiling Tile, 872 Ctns. Donn & Roper Ceiling Grid - 12' Main Runners, 4' Cross Tees, Angles.

8,100 PCS. GLASSWARE, CORK, SCAFFOLD
468 Complete Sets 10' Steel Scaffolding, 548 Pcs. Pre-finished Shelving, 18 Rolls 4' Cork Wall Covering (1,720 S.F./Roll), 96 Bags Cedar Kennel Bedding, 8,100 Pcs. Glassware - 6 oz. to 14 oz., SS Hospital Lights.

321,700 L.F. MOLDINGS, PLANK PANEL KITS
6,200 S.F. Bruce Pre-finished Flooring - Parquet & Plank, 940 Ctns. Barclay Rustic Plank Panel Kits, 1,410 Pcs. - 1 x 3 x 8 Barclay Rustic Trim, 10,800 L.F. 1 1/8" to 1 3/8" Clear Poplar Baluster, 8,300 B.F. 2 x 3 Flooring, 5,300 B.F. 1 x 4 & 6 Clear Oak Plank Flooring, 1,700 L.F. Oak Moldings, 72,000 L.F. White Pine & Mahogany Moldings, 248,000 L.F. Pref. Vinyl Moldings - Quantity of Casing & Clam Shell.

PHONE ON PREMISES 201-462-2000

INSPECTION SUNDAY, DEC. 6 - 10 A.M. to 4 P.M.
MONDAY, DEC 7 - 9 A.M. to 4 P.M.
TERMS CASH OR CERTIFIED CHECK — 25% DEPOSIT REQ.

Wm. F. COMLY & SON
Auctioneers
1825 E. BOSTON AVE. PHILA., PA (215) 634-2500

Wm. F. COMLY & SON INC
Auctioneers
1025 E. BOSTON AVE., PHILA., PA. (215) 634-2500

AUCTION SALE
Sale by Order of Owner
Complete Liquidation of Assets
FABRICATION PLANT
AUTOMATIC SCREW MACHINES, OBI PRESSES, LATHES, COMPRESSORS, MILLING MACHINES DRILL PRESSES, PLANT, OFFICE & HANDLING EQUIPMENT
TUES. & WED., DEC. 15 & 16, 1981
Starting at 10 A.M. Each Day
On premises Fox Products Co., 4720 N. 18th St., Phila., Pa.

SCREW MACHINES, PRESSES, LATHES, MACHINERY

(12) Brown & Sharpe & Detroit Automatic Screw Machines, ½", ¾" & 1¼"; (15) Toledo, Bliss, V & O, Federal, Etc. OBI Presses, Various Sizes & Models, 15 to 80 Ton; (5) Smith Bend & Sheldon Lathes; (6) Bridgeport, Brown & Shape, & U.S. Milling Machines; DiArco 18 - Station Panographic Turret Punch; (2) Boyar-Schultz Surface Grinders; P & J 16" Shaper; Asst. Buffalo, Allen & Walker-Turner Drill Presses; (2) Grab 18" Band Saw & Filing Machine; Snow Auto. Taping Machine, Grinders, Riveters, Band Saws, Pexto 6' Power Shear, Chicago & Diacro 2' & 4' Press Brakes, Benders, Punch Press Feeds & Take-Up Reels, Stock Straighteners, Quan. Punch Press Dies, (3) Stevens & Bachi Coil Winders.

COMPRESSORS, WELDERS, COMPACTOR, FORKLIFT PLANT & HANDLING EQUIP.

(3) 10 H.P. Air Compressors, (3) Spot & Arc Welders, Oil Extractor, Magnetic Chip Separator, Wave Soldering Machine, Hillard Plastic Molder, (2) Artos Wire Strippers & Cutoff, (2) Young Wire Stitchers, Yale 3000# Cap. Elec. Forklift Truck w/Battery Charger, Big Joe Elec. Lift Truck, Tri-Pack T-100 Trash Compactor, (8) Elec. Chain Hoists, ¼ to 2 Ton; (41) Sections Steel Pallet Shelving 6' x 8'x2½', (116) Sections Metal Shelving, 100"x36"x18", Instapak 710 Packing Machine, 18"x30' Roller Belt Conveyor, Asst. Stock Carts & Ladders, Hand & Barrel Trucks, Tape Dispensers, Pedstal & Wall Fans, Work Tables, Scales, Vises, Shelving, Time Clocks, Quan. Cartons, Detrex Degreaser, Rockwell Gas Oven, (2) Paint Spray Booths.

ENGINEERING ROOM & TEST EQUIPMENT

Jones & Lamson Optical Comparator w/14" Screen, (2) Leeds & Northrup Speedomax Recorder, (2) Tektronix Oscilloscopes, Eltrol Reserve Capacity Tester, Schmidt Model 4 Plate Maker, Fisher Model 176 Isotemp Oven, Hotpack Treatment Chamber (+70° F to -50° F) Model P-50-F, Rubican Port. Precision Potentiometers, L & N Type S Testing Set, Kelvin Bridge Ohmmeter, Mallory Voltage Reference Battery, Asst. Test & Control Panels, Analyzers, Charger Panels, Motors, Generators, Battery Chargers, Test Equipment, Etc.

RAW MATERIALS, TOOLS & COMPONENT PARTS

(35,407 Lbs.) Bar Stock Consisting of Brass, Copper Stainless, Alum. & Steel Coils, Round & Flat Stock, Etc., Asst. Power & Air Tools, Drills, Impact Guns, Riveters, Hand Tools. Wrenches, Files; Large Quan. Tooling Drill Bits, Dies, Cutters, Shop & Machine Tools & Access; Large Quan. Component Parts Used in The Manufacturing of Battery Chargers, Testers & Emergency Starting Equipment Comprising; Magnet, Nickel, Chrome Alloy & Insul. Wire, Terminals, Transformers, Controls, Switches, Gauges, Cable, Chain, Insulators, Brass & Steel Fasteners, Rivets, Studs, Screws, Nuts, Washers, Bolts, Etc.; Quan. Commercial Booster Cables, 12' to 20'.

COMPUTER, OFFICE FURNITURE & EQUIPMENT

IBM System 3 Computer Complete w/IBM 5410 Processor Unit, IBM 5424 Multifunction Card unit & IBM 5444 Disc Storage Drive; 6603 Decision Data Line Printer; (32) Asst. Wood & Metal Desks, (49) Asst. Metal File Cabinets 2 Dr. to 5 Dr., (5) Blueprint File Cabinets 5 Dr. & 6 Dr., Drafting Tables, Fireproof Safe Cabinets 2 Dr. & 5 Dr., (6) IBM & Underwood Electric Typewriters, Monroe & Olivette Adding Machines, Canon & Sears Elec. Printing Calculator, Norelco Dictopone, 4x8 Wood Conference Table w/6 Arm Chairs, A B Dick 675 Copier, GAF 710 Diazo Blueprint Duplicator/Printer, Gestetner Duplicator & Stencil Machine, Asst. Wood & Metal Tables, Credenzas, Chairs, Paper Cutters, Air Conditioners, Office Supplies, Etc.

SEND FOR ILLUSTRATED BROCHURE
INSPECTION: MON., DEC. 14, 1981
9 A.M. to 4 P.M.
TERMS: Cash or Certified Check - 25% Deposit Req.

Public Sales Register
Closing Date - Monday, 5:00 P M of each week's publication

NOVEMBER

SAT NOV 28 - Public Sale of Farm and Small Acreage Located approx. 56 mi. west of Harrisburg, Juniata Co, PA. Long Bros, Auctioneers 717-527-4784

SAT. NOV 28 - 9 A M Public Sale of Butcher Shop and Wood Working Equipment, and Other Personal Property Located along Rt 897 between Swartzville and Reinholds, about 2 squares east of the former Black Horse Hotel in EST Cocalico Twp, Lanc Co, PA. Mrs. Anna Rolinski. H H Leid Auction Service

SAT. NOV 28 - 9 A M Public Sale of Sewing Supplies, Tools and Household Goods Located 6 mi south of Quarryville, 8 mi. north of Oxford, 500' off 472 along Maple Shape Rd. at Kirkwood Fabric, Lanc Co Sale by Abram B Stoltzfus

JUNIATA CO.
WOODLAND AT
PUBLIC SALE
SATURDAY, DECEMBER 5

2 Tracts woodland 27 and 29 ac. twp. road frontage, southern exposure, borders State Land.

For info, contact Auctioneers.

Long Bros., Aucts.
R.D.#2
Port Royal, Pa. 17082
Ph. 717-527-4458

SELL IT WITH A LANCASTER FARMING CLASSIFIED

Buck season opens Monday

HARRISBURG — Pennsylvania deer hunters, accustomed in recent years to whitetail harvests of over 100,000 animals, should have another good season this year, according to reports filed by field officers. Last year, hunters reported tagging 73,196 bucks and 62,281 antlerless whitetails, for a total harvest of 135,477.

The regular two-week antlered deer season will open one half hour before sunrise Monday, November 30, and close at sunset Saturday, December 12. The regular statewide antlerless deer season is scheduled Monday and Tuesday, December 14 and 15.

Pennsylvania's total 1981 pre-hunting season deer population, numbering just below 750,000 animals, is slightly below last year's total, mainly due to the above-average harvest of bucks in 1980.

The Game Commission hopes hunters will report taking at least 62,000 bucks and another 65,000 antlerless deer this year. Food shortages could develop in case of a severe winter, and an under-harvest of deer this fall could result in higher-than-normal winter mortality.

All deer hunters must wear at least 100 square inches of fluorescent orange material, either on the head, or on the chest and back combined. Both fluorescent orange caps and vests or coats are recommended by the Game Commission, not only for safety, but also to make it easier to keep tabs on other drivers and watchers.

A hunter may take only one deer per hunting license year, and cannot kill, or attempt to kill, a second whitetail. To be a legal buck, a deer must have two or more points to one antler or have one antler at least three inches long. Not more than 25 persons are permitted to hunt deer in a single party, and groups of five or more hunting in unison must maintain a roster.

Hunters must tag their deer within one hour of killing and before the animal is removed from where it is taken. A detachable deer tag is provided with each hunting license.

The tag must be separated from the hunting license, filled out and kept tied to the deer while it is being transported, hung at camp or temporarily placed in cold storage. A deer is not properly tagged if the entire hunting license is removed from the hunter's back and attached to the deer.

The big game kill report card furnished with the hunting license must be mailed to the Game Commission within five days of the harvest.

TAG SALE & SILENT AUCTION
FRI. DEC. 4 thru MON. DEC. 7
open 9:30 A.M. until 4 P.M. daily on above dates
(bidding on silent auction ends at 2 P.M. Sun Dec. 6)
Smokey Glen Farm
16407 Riffleford Rd.
Gaithersburg, MD

Advertising and Country Store Items; Old Comics; Disneyanna; Drug Store Items; Carriages; Wagons; Wicker Sleigh; Lots of Furniture; Household Items; Glass; China; Pottery; Old Dolls; Toys and Games; Occ. Japan Items; Old Christmas Decoratons; Hummels; 1846 Sampler; Watling Penny Scale; Magic Lantern Slides; Life size Fiberglass Horse; Old Clothing; Lots of Old Books and Paper Items; plus much, much more.

Free admission. Acres of free parking.
Sale to be held in heated building.
Good food available from Collegiate Barbequers Inc.

For detailed listing or further information call:
301-933-0250 or 948-9170.
Or write: Farm and Home Antiques
P.O. Box 42
Courthouse Station
Rockville, MD 20850

PUBLIC SALE
of Real Estate
(6 Acres & 152 Perches of Land)
Personal Property
THURSDAY, DECEMBER 10
Located just west of Mountville, Pa. Along Rt. 462 on the road leading from Mountville to Columbia, West Hempfield Twp.

Real Estate contains 2 tracts of land totaling 6 acres & 152 perches to be sold all together. Very nice level ground w/1,530' of road frontage along Rt. 462 by 200' depth more or less. Red frame 38' by 60' tobacco barn.

TO BE SOLD AFTER REAL ESTATE: 150 chairs - lots of oak, plank bottom, arrow back, half spindle, Windsor, bow back, walnut Vict., walnut cane, Vict. & others. Lots of rail fence posts & misc. lumber.

Sale by,
FULTON BANK OF LANCASTER,
Executors
Edward I. Froelich Estate
Ranck & Ranck, Attys.
Howard Shaub, Auctioneer 464-3541
and Roy C. Probst

Good's Auction
111 North Maple Ave.
Leola, PA

Hay, Straw & Grain Sales
Every Wednesday
12:00 Noon

Farm Machinery
First and Third Wednesday
January thru November
starting at 9:00
With 6 Auctioneers

Tools and Hardware
Lawn & Garden Equipment
12:00 Noon
Farm Machinery - 12:30

No out of state checks
No household Goods, no clothing.
No poultry Equipment or scrap tin.

DAVID H. GOOD & SONS
RD 1 Leola, PA 17540
717-656-9558

PUBLIC AUCTION
FARM EQUIPMENT & TRUCKS & ROLLER
THURSDAY, DEC. 3, 1981
at 11:30 A.M.
Midway between Boyertown & Bally along Rt. 100 next to (Brook's Meat Plant), Berks Co. Pa.

White 2-85 Field Boss diesel tractor w/dbl. wet line, 315 hrs.; AC 5040 diesel w/front end loader approx. 100 hrs.; JD 3 bot. 3 pt. 16" trip pl.; White 12' transport disc; AC #600 4 row no till corn planter; JD 17 single disc grain drill on rubber; AC Gleaner model E combine w/12' hume reel & 2 row wide C head; Century 300 gal. trailer weed sprayer w/hyd. pump; JD 3 pt. 246-247 two row C planter; N Idea 3 pt. spinner seeder & spreader; NI 212 PTO single beater spreader. Wood Bros. #M-5 3 pt. rotary cutter; Kelly 3 pt. log splitter; Ideal 75 bu. hog feeder; 275 & 300 gal. fuel tanks; Ingram 5 ton roller w/4 cyl. engine; 6'x8' pickup body cab; (2) 16.5 x 9:50 snow tire & 8:20 x 20'; plus many items too numerous to mention.

TRUCKS 1961 Int. B-170 w/12' stake dump 21,000 GVW, low mileage, overhauled engine; 1980 Chev. custom deluxe pickup 4x4 w/350 engine, auto trans, 16,000 miles uses regular gas;

Auct. Note- Few of above items new, bal is also in nice shape.
Terms- Cash or check **Refreshments served**

Ordered by
RAYMOND B. LONG

Conducted by
Ralph W. Zettlemoyer Auction Co. Inc.
(215) 395-8084

Public Sales Register

Closing Date - Monday, 5:00 P.M.
of each week's publication

SAT. NOV. 28 - 1 P.M Public Sale of Real Estate Located ½ mi. east Nickel Mines on White Oak Rd Terms by Ben and Barbara Esh. Steve Petersheim and Everett Kreider, Auctioneers 717-786-4624

SAT NOV. 28 - 9 A.M Public Sale of Antique Furniture, Collectibles, Clocks and Glassware Located on Denison Rd., just past Stoney Creek Auction Barn, ½ mile turn left onto Denison Road to farm on right. (8 mi. west of Harrisburg, PA on Rt. 22-322 West, then East ½ mi. from Dauphin, PA along Stoney Creek Rd to Auction Barn) Estate of Mary J. Denison. Kerry A. Pae, Auctioneer.

SAT. NOV. 28 - 11 A.M. Consignment Horse Sale at the Keister's Middleburg Auction Sales, Inc. Rt. 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa Don & Walt Keister, Owners, Ray Long & Dave Imes Auctioneers

SAT NOV. 28 - 12:30 P.M. Public Sale of Cattle Located at Cortland Sales Pavilion, on Rt 41, just off of I-81, exit 10, toward McGraw. Samuel and Helen Pickett, Owners A.V. Zogg, Jr., Auctioneer

SAT NOV. 28 - 9 30 A.M Public Sale of Antiques, Collectibles, Household, Guns, and Gold and Silver Coins. Located at 820 East 2nd St., Nescopeck, PA, turn off Rt. 93 at light at Fuehrer Uph Shop Laura Peters, Owners Nevius Auction Service

SAT NOV 28 - 12 Noon Public Sale of Cattle Located 2 mi. south of Gilberts Corner off U.S 15 West on Rt 600 Virginia Angus Assoc 804-293-3044.

SAT. NOV. 28 - 10 A.M. Public Sale of Horses and Equipment. Located at Apollo Equestrian Center, 1.8 mi. north of Junction of Rt. 356 and Rt. 66 near Northmoreland Park. Estate of Dick Fitzsimmons. L.H. Kuznik, Auctioneer

MON. NOV 30 - 2 P.M. Danville Livestock Market, cattle and hog auction. Located Old Route 11, Danville,THURS. JAN 7, 1 9 8 2 , 9 30 A.M Dispersal of Holstein herd, hi grades & reg., horse drawn farm machinery, work horses. Located 3 mi. south of Strasburg Terms by Gideon B. & Katie Stoltzfus Steve Petersheim, Auctioneer.

DECEMBER

THURS. DEC. 3 - 11 A.M. Public Sale of Construction and Earth Moving Equipment Location. U.S. 13 to Middletown, DE S. Through Middletown on Rt 301 about 3.6 mi to County Rd. 445, just before MD Line, left on 445 New Castle Construction Co, Inc Rudnick and Matas, Auctioneers.

THURS. DEC 3 - 11:30 A.M Public Sale of Farm Equipment, Trucks and Roller. Located midway between Boyertown and Bally along Rt. 100 next to Brook's Meat Plant, Berks Co., PA. Ordered by Raymond B. Long. Ralph W. Zettlemoyer Auction Co, Inc

FRI. DEC. 4 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 2220 Dairy Road, Lancaster, Pa. 17601 Dennis Kolb, Sales Manager, Robert Mullendore, Auctioneer

FRI. DEC 4 thru MON DEC. 7 - 9:30 A.M. - 4 P.M. daily Public Sale of Misc. Located at Smokey Glen Farm, 16407 Riffleford Rd, Gaithersburg, MD Tag Sale and Silent Auction 301-933-0250

SAT. DEC 5 - 9:30 A.M. Public Sale of Big Grain Farm Machinery. Located in Phillipsburg, NJ. Marie Litton, Owner. Colonel Fred R. Daniel, Auctioneer

SAT. DEC. 5 - 9 A.M. 4th Annual Year-end Auction by Farmersville Equipment Inc. Located in Farmersville, PA John E and Paul E. Martin, Auctioneers

SAT. DEC. 5 - 10 A.M. Public Sale of Grain Farm Machinery. Located on Hensfoot Rd., off Rt. 57, opposite Wickes Lumber Co. Entrance, 1½ mi. east of Phillispburg, NJ, Lopatcong Twp. From Rt. 22 - 78 at circle take Rt. 519 North to Hensfoot Rd by Hineline Meat Plant. Marie K. Litton, Owner. Fred R. Daniel Auctioneers, Inc.

SAT DEC. 5 - 10 A.M. Public Sale of Farm Equipment Located on U.S Rt. 13, 1 mile north of Delmar, DE and 8 miles north of Salisbury, MD. 4th Annaul Eastern Shore Equipment Dealer's Assn. Farm Equipment Sale. Pete Richardson, Auctioneer.

SAT DEC 5 - Public Sale of Woodland Located in Juniata Co Long Bros., Auctioneers. 717-527-4458

SAT DEC. 5 - 10 A.M. Public Sale of Alfalfa Processing Operation and Real Estate. Located from Allentown exit of PA turnpike, take Rt 22W to Fogelsville, go south on Rt. 100 thru Trexlertown to Mack Truck plant on right. Turn right 1½ mi Schoeneck Farms Inc Louis Trainan, Auctioneers

SAT. DEC. 5 - 11 A.M. Public Sale of Farm Machinery. Located just off Rt. 301, north of Centreville, MD, take dirt service road behind Agrico Fert., ½ mi. to sale site. Charles and Donald McNabb, Owners. Joe Jackson Jr., Auctioneer.

MON. DEC. 7 - 2 P.M. Danville Livestock Market, cattle and hog auction. Located Old Route 11, Danville, PA Melvin M Lehman, owner.

MON DEC. 7 - 9.30 A.M. and TUES. DEC. 8 - 9.30 A.M. Public Sale of Farm Machinery. Located at Mankato and Grand Meadow, MN Con Clement, Owner Midwest Auction Co.

TUES. DEC. 8 - 5:30 P.M. Farmersville Auction. In Farmersville, 3 mi. East of Brownstown, Lancaster County, Pa John J. Rutt, Auctioneer

WED. DEC 9 - Public Sale of Horse Drawn Farm Machinery, Cattle and Horses. Located ½ mile south of Nickel Mines. Emanuel and Annie Petersheim, Steve Petersheim Auctioneer.

WED. DEC. 9 - 9:30 A.M. Public Sale of Cattle, Farm Equipment, Horses, Corn, Hay and Corn Fodder Located in Lancaster County, PA 7 mi. southeast of Strasburg, 3 mi southwest of Gap, ½ mi. north of Georgetown just off Rt. 896. Terms by Emanuel and Annie Petersheim. Steve Petersheim and Everett Kreider, Auctioneers.

WED. DEC 9 - 11 A.M. Public Sale of Meat Market and Grocery Store Equipment. Located at 2076 Limestone Rd., Wilmington, DE. Quinn's Quality Meats. Rudnick and Matas, Auctioneers.

FRI. DEC. 11 - 5:30 P.M. Gap Auction. Antiques and Household Goods sold at every auction. Located off Rt. 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

SAT. DEC. 12 - 10 A.M. Public Sale of Valuable Real Estate, Household Goods, Guns, Tools and Motorcycle. Location: Rt. 272 south of Lancaster, 4 mi. south of Buck, west onto Spring Valley Rd., at 2nd stop sign left onto Slate Hill, 1¼ mi. to sale. Vasilios Katsanevakis. Lloyd H. Kreider and Randal V. Kline, Auctioneers. Gary L. Shirk, Apprentice.

MON. DEC. 14 - 2 P.M. Danville Livestock Market, cattle and hog auction. Located Old Route 11, Danville, PA. Melvin M Lehman, owner.

MON. DEC. 14 - 9:30 A.M. Consignment Sale. Located at S. Race St., Myerstown, Pa. 17067. Sale held by Wenger's Farm Machinery, Inc.

AUCTION SALE

Harrison, N.J.

LARGE DISTRIBUTOR'S STOCK OF NUTS, BOLTS, SCREWS, FASTENERS, SHELVING

Sale by Order of Owner

Lost Lease - Must Vacate Immediately

THURSDAY, DECEMBER 10, 1981

10 A.M.

On Premises Harrison Threaded Fasteners, Inc. 400 S. 5th., Harrison, N.J.

APPROXIMATELY 3,000,000 LBS.

Large stock of clean, saleable goods, mostly in original kegs, cartons & drums with large quantity in boxes & packages. Arranged in approximately 500 suitable trade lots comprising in part:

NUTS, BOLTS, SCREWS, FASTENERS, ETC.

A Complete Line of Fasteners, Domestic and Imported Manufactured by Cleveland Cap & Screw, R.B. & W. Screw & Bolt, Southern Screw, Lamson & Others, Standard, Common & Special, Most All Sizes, Types & Heads, Fine & Coarse Thread, Comprising Steel, Stainless Steel & brass Wood, Machine Cap, Lag, Sheep Metal, Lock, Thumb, Etc. **SCREWS:** Machine, Carriage, Anchor, Elevator, Lag. Plow, Tire, T.U.J. Center, tap, Counterbore, etc. **BOLTS:** Steel, Stainless, Brass & Galv. Square, Hex. Jam, Cap. Thick, Heavy, Eye, Pipe, Weld, Wing, Lock, Nylon, Savage. Reversible, Etc. **NUTS:** Washers, Rivets, Pins, Clips, Studs, Etc. with a Large Quantity of the Above Items in Boxes & Packages.

STRUCTURAL, CONTRACTOR & MILL SUPPLY

A325 & A490 Structural Bolts, Anchor, Heavy Hex, Eye & Lag Eye Bolts, Common & Special Thick, Heavy, Jam, Eye, Weld, Anchor & Hi Strength Nuts, Medium & Heavy, Lock Washers, Heavy, Special, Beveled, Hi-Strength & Flat Washers, Cap, Socket & Set Screws, Studs, Clevis Cotter & Taper Pins, Wire Rope Clips & Thimbles, Turnbuckles, Woodruff Keys, Retaining Rings, Rivets, Expansion Bolts & Shields, Toggle Bolts, Tower Bolts and Many Other Items for the Structural & Mill Supply Trade.

PALLET & STEEL SHELVING, BINS & RACKS

144 Sections of Hvy. Duty Pallet Shelving 9', 10' & 11' Wide, 10 & 11' High x 3' Deep. 260 Sections Hvy. Duty Metal Shelving, Pipe Reinforced, Various Sizes, Approximately 45 Unitized Metal Frames with 8 Heavy Duty Drawers each. Ideal Compact Storage Units, Steel Bins, Drawers, Plaster Kegs, Etc.

INSPECTION: TUESDAY & WEDNESDAY, DECEMBER 8 and 9 9 A.M. to 4 P.M.

TERMS: Cash or Certified Check - 25% Deposit Req.

Wm. F. COMLY & SON INC
Auctioneers
1825 E. BOSTON AVE., PHILA., PA. (215) 634-2500

4th Annual Eastern Shore Equipment Dealer's Assn. Farm Equipment Sale

AUCTION SALE

(The East Coast's Largest Annual Sale)

SATURDAY, DECEMBER 5, 1981

10:00 o'clock A.M. - U.S. 13 DRAGWAY, Delmar, Delaware

Tractors to be sold at 12 Noon

The following are partial listings only. 50 tractors & 250 implements expected.

Tractors: All of these tractors are offered with Buy and Drive.

Ford 9000; Ford 6700; D-19 A.C. diesel; 7020 JD 4WD; (2) 3010D JD; (2) 2020D JD; 4010 JD gas; 2520 JD gas; 4520D JD; M I.H., A I.H. w/cult., I.H. w/mower, cub; 100 I.H. w/cult.; MF 165; 4620; 2020; JD 2010 gas; Int'l 856 diesel; Ford 860 5 speed; Ford 541 gas w/1 row cult.; Int'l 806 diesel; KD 542 forklift; Case 1210 diesel; Oliver 1750 diesel; JD front end weight; JD rims w/15.5x38 tires; Large selection of garden tractors. MF 65; Ford 5000, AC 200 w/dual remotes.

Combines:

MF 510 diesel-cab floating bar; 815 Int'l new style 4 row 30' head floating platform, cab, air & quick attachments; MF 300 diesel, cab, 3 row corn head, 13' platform w/pick up reel; IHC 303.

Headers:

MF 63C 6 row corn header; MF 44 4 row corn header; 210 corn head for 45 combine; New JD 444 corn quick attachment; Used JD 216 platform; Used 44 MF corn attachment (ex. cond.); Used JD 215 platform; 15-1810 Int. grain header w/floating cutting bar; 20-810 Int. grain header at Bat Real.

Planters:

1290 JD; 494A JD; AC 9 row no till; Int'l 400 cyclo w/monitor; JD 7100 12 row maximerge w/monitor; JD 494A 4 row; JD 1240 4 row; JD 1290 8 row; IHC 400 cyclo 4 row.

Implements:

Gehl harvester CB 1200 new knives, electric crown 3 row corn head 6' pickup (excellent); Triumph hydraulic driven industrial side mounted mower 7' to fit MF 135; MF 235 and MF 245; IHC 37 46 plate disc harrow; 2 McKee 8 row hydraulic folding vibra-time cultivators; 25' hydraulic floating M&W rotary hoe; MF 880 5 bottom 16" semi-mounted plow; 15' JD rotary cutter; Spike drag; 4 row JD cultivator; 4 row Case cultivator; New JD 660 side delivery rake; Sunflower 24' wing fold disc; Kiewanna 940, 40 blade disc; JD BWA 36 blade disc; Int'l 48 blade disc; Long 44 blade disc; AC 6 row cultivator; Pittsburg 6 row rigid cultivator; JD 4 row rotary hoe; 2 AC 330 tandem disc harrows; MF offset disc harrow; JD riding mower; Dunham 32 blade disc; Kiewanna 19' wind fold disc; MF 14' chisel plow; JD 14T baler; New Holland 1010 bale wagon; New Holland 717R2 2 row 38" corn head for Forage Harris; JD 214 Forage box on JD 1065; Johnson Workhorse loader for garden tractor; Hesston hay stacker.

Misc.:

'73 White freight liner, 318 Detroit w/13 speed transmission and new tires.

All items listed are subject to prior sale.

Inspection on December 3 & 4, 1981.

Directions: U.S. 13 Dragway is located on U.S. Rt. 13, 1 Mile North of Delmar, Delaware and 8 miles North of Salisbury, Md.

Terms: Cash on day of sale. Checks will be accepted from Residents of the Delmarva Peninsula only, and when drawn on a local Bank. All others must be accompanied by a current Letter of Credit from a Bank or Production Credit Association.

PETE RICHARDSON AUCTION SALES

Serving Md., Del., and Va.

Pete Richardson
Auctioneer and Sales Mgr.
Phone: (301) 546-2425 (office)
(301) 742-6220 (home)
(301) 742-0100 Ext. 813 (Mobile)

FOURTH ANNUAL YEAR-END PUBLIC AUCTION

FARM EQUIPMENT, HARDWARE, HAND & POWER TOOLS, CHAIN SAWS, LAWN & GARDEN EQUIPMENT, WELDERS, AIR COMPRESSORS, SNOWMOBILES, GRAIN TRUCKS, BUILDING MATERIAL, POULTRY & HOG EQUIP., AND MANY MISCELLANEOUS ITEMS.

SATURDAY, DECEMBER 5, 1981

9:00 A.M.

Located along East Farmersville Rd., Farmersville, Pa.
(Lancaster County)

From Ephrata, Pa. take Rt. 322 East to Hinkletown. First road right after traffic light in Hinkletown. East Farmersville Rd. 3 mile to sale, watch for auction signs.

DOOR PRIZES

★ 1st - CENTURY 230 AMP Welder
★ 2nd - MILWAUKEE ¼" Drill
★ 3rd - S-K ½" Socket Set
★ 4th - Drydene 15/40 Oil (Case)
★ 5th - Deka Booster Cables
★ 6th - White Toy Tractors

All Adults who register for an auction number by 9 AM are eligible to win these door prizes. Winners must be present to win. Drawing will be held at end of auction.

NEW FARM EQUIP.

White 508-4B Plow
White 255-16'4" Wing Disc
White 255-10'4" Disc
Brillian 12'4" Pulvi-Mulcher
Brillion 13'8" Pulvi-Mulcher
Brillion 6'3" Soil Builder
Brillion 14' Transport Packer
Brillion 11' Sprocket Packer
Brillion 13'4" Cultipacker
Vicon PS 400 3 pt. Fert. Spreader
Vicon PS 600 3 pt. Fert. Spreader
Bush-Hog 8"x48' Transport Auger
Bush-Hog 206 6 ft. Cutter
Bush-Hog Rebel 5 ft. Cutter
Kubota M4000 Diesel Tractor

USED FARM EQUIP.

White 251-9 ft Disc
JD 494-4R Planter
NI - 8"x54' Transport Auger
Bush-Hog 6' Rotary Cutter
IH - 6 Row Cyclo Planter
IH - 6 Row 3 pt Cult.
IH 14 ft. Vibra-Tine 3 pt. Fertilizer Spreader
MF 65 Gas Tractor

USED CHAIN SAWS

Homelite XL2 w/12" Bar
Homelite Super EZ w/16" Bar
Homelite 330 w/16" Bar
Homelite Super XL w/16" Bar
Homelite 360 Ao w/20" Bar
Homelite 550 w/27" Bar
Lancaster w/16" Bar
Craftsman 2.5 w/15" Bar
Craftsman 3 7A w/17" Bar
Remmington 500 w/16" Bar
White WM-19 w/12" Bar
Husqvarna 40 w/16"Bar
Husqvarna 162 w/20" Bar
Echo 500 VL w/20" Bar
Echo 60S w/20" Bar

NEW LAWN & GARDEN TRACTORS

Bolens LT8, 8 H.P., w/32" Rotary Mower
White LGT1100, 11 H.P., w/38" Rotary Mower
White LGT1610, 16 H P., w/44" Rotary Mower
White GT1622, 16 H P., w/50" Rotary Mower
Kubota Diesel B6100, 14 H P, w/48" Rotary Mower
Bolens Diesel G172, 17 H P,
Bolens Diesel G174, 17 H P, 4 WD
20 New Bolens Snow Blowers
5 New Bolens Diesel Tractors
5 New Bolens Lawn & Garden Tractors
15 New Bolens Mulching Mowers

USED LAWN & GARDEN TRACTORS

Kubota Diesel B7100DT, 16 H P, 4 WD w/48" Rotary Mower
Kubota Diesel L175, 17 H P
Kubota Diesel L225, 25 H P w/72" Rotary Mower
Bolens G-8, 8 H P w/32" Rotary Mower
Bolens LT8E, 8 H.P. w/38" Rotary Mower
Bolens 1254, 12 H P w/42" Rotary Mower
Bolens H16xL, 16 H P w/42" Rotary Mower
White GT1622, w/50" Rotary Mower
John Deere 400, 20 H P, w/60" Rotary Mower

USED GRAIN TRUCKS

1979 Ford F-250 w/New Omaha Standard 9 Ft Grain & Cattle Body, Hoist 12,000 Miles
1974 Dodge D-500 w/New Omaha Standard 12 Ft Grain & Cattle Body, 10 Ton Hoist

NEW MISC. EQUIPMENT

Lawn Carts
Lawn Sweepers
Brinly, 3 pt. Disc
Woods 42" 3 pt Mower
Bush-Hog 60" 3 pt. Mower
Echo Power Blowers
Wheel Horse 42" Mower Attch

NEW PORTABLE HEATERS

(2) Knipco 150,000 BTU
(3) Knipco 90,000 BTU
Knipco 30,000 BTU
Guardian 60,000 BTU
Guardian 40,000 BTU

25 - NEW ALADDIN KEROSENE HEATERS

USED MISC. EQUIPMENT

Power Genie Parts Washer
Echo HC 140 17" Hedge Trimmer
Echo 702 12" Cut Off Saw
Echo DM9 Duster/Mister Power Blower
Green Machine 4500 Power Blower
Echo SRM 202 DB Gasoline Trimmer
Weed Eater XR-50 Gasoline Trimmer
Weed Eater XR-70 Gasoline Trimmer
Weed Eater 670 Gasoline Trimmer
Campbell Hausfeld, TF410821H 5 H.P. Single Phase, 60 Gal. Horizontal Tank Two Stage Pump, Air Compressor

15 NEW CHAIN SAWS

Homelite Super 2 w/14" Bar
Homelite XL-12 w/16" Bar
(5) Echo 452VL w/16" Bar
(4) Echo 702EVL w/20" Bar
Husqvarna 44 w/16" Bar
Husqvarna 480 w/24" Bar
Husqvarna 285 w/27" Bar

9 - NEW CAMPBELL HAUSFELD AIR COMPRESSERS

FL 3501 ½ H.P., 7½ Gal Tank
FL 3502 ¾ H P, 11 Gal. Tank
FL 3309 3 H P Gas, 12 Gal Tank
(2) FL 3504 1 H P., 11 Gal Tank
FL 3305 1½ H P., 20 Gal. Tank
VT 3311 2 H P, 15 Gal Tank
VT 3169 2 H.P, 30 Gal Tank
TK 631221H 10 H P, Three Phase, 120 Gal. Horizontal Tank, Two Stage Pump

15 - NEW LAWN MOWERS BOLENS, LAWN-BOY, WHITE

NEW ASSORTMENT OF POLARIS CLOTHING

USED SNOW MOBILES

1981 Polaris Cutlass 440
1980 Polaris TX440
1980 Polaris Galaxie 440
1980 Polaris TXC 340
1973 Polaris TX 440

NEW WELDERS

Century AC 100 AMP
Century AC 230, AMP
Century AC 230/DC 140 AMP
Century AC/DC 250 AMP
Century AC 295 AMP

USED WELDERS

Lincoln AC 180 AMP
Lincoln DC 300 AMP
Forney AC 240 AMP
Westinghouse AC 130 AMP
Century AC 230 AMP
Century AC/DC 250 AMP
Century AC 295/DC 250 AMP

WELDING RODS 250 - 5 LB. PACKS ASSORTED SIZES

BUILDING MATERIAL

Over 140 pcs 29 Gauge Painted Steel Roofing & Siding, Assorted Colors and Sizes
Over 175 pcs Aluminum Roofing & siding, Assorted Colors and Sizes
Assorted Fascia, Spouting and Siding Trim
12 pcs 3'0" x 6'6" Pre-Hung Insulated Aluminum Doors
15 pcs 3'0" x 6'4" Insulated Masonite Doors
17 pcs 2'8" x 6'8" Plywood Doors
3 pcs. 2'8" x 6'0" Plywood Doors
3 pcs 2'0" x 6'0" Plywood Doors
Over 1000 Sq Ft. Fiberglass Insulation
Over 350 Sq. Ft. Thermax Foam Insulation
3 Pcs 32" x 36" Jalousie Windows
10 Pcs 4 x 6 - 20' Treated Posts
30 pcs 1 x 10 x 6' Pine Boards
20 Pcs 3/8 x 4 x 8 & 4 x 12 Pre-Painted Masonite (Some damaged)
150 Pcs 3/8 & ¼ Plywood Remnants

4 - NEW MTD REAR - TINE ROTO - TILLER

25-NEW ROCKWELL POWER TOOLS

POULTRY & HOG EQUIPMENT

1 - 36" Zimmerman Panel Fan
12 - 1 Gallon Plastic Starter Jugs
68 - 2' Galv. Reel Feeders
15 - 3' Galv. Reel Feeders
6 - Trojan Cup Waterers
5 - Zimmerman 36" Gravity Shutters
4 - Vent-O-Matic 36" Gravity Shutters
4 - Electric Fly Controls
6 - RV-4 4' Roof Ridge Vents
5 - 72 PB Brower Infared Brooders
10 - BR71 Brower Infared Brooders
1 - C-36-26 Hoskins Cattle Waterer
6 - 190A-7 Agri-Fan Ceiling Fan
2 - R6-100 Rotary Hog Feeder - Delphi 6 Bushel
1 - R3-100 Rotary Hog Feeder - Delphi 3 Bushel
6 - #8 SBM 14,000 BTU LP Gas Brooder - Infared (Used)
1 - 24" Acme Fan Jet
2 - CWI-12 Acme Shutter
3 - CWI-18 Acme Shutter
2 - CWI-24 Acme Shutter
2 - RH-18 18" Acme Weather Hood
1 - 36" Acme Fan

SHENANDOAH FINISHING & NURSERY HOG FEEDERS

2 - HF-33 6-Hole Hog Feeder w/Doors & Lid - Galvanized
2 - HF-33L 6-Hole Hog Feeder No Doors & Lid - Galvanized
2 - HFS-4L Double 4 Hog Feeder - Stainless Steel
2 - HF-4L Double 4 Hog Feeder - Galvanized
2 - HF-2 Double 2 Hog Feeder - Galvanized
2 - HFS-11L 2-Hole Hog Feeder - Stainless Steel
2 - HF-11 2-Hole Hog Feeder Galvanized
4-HF-0 1 Hole Sow Feeder - Galvanized
3-HF-1L 1-Hole Hog Feeder No Doors & Lid - Galvanized
3 S-PCF-4S Single Side Nursery Feeder Stainless Steel
3-S-PCF-4 Double Side Nursery Feeder - Stainless Steel
5-PCF-P Double Side Nursery Feeder - Galvanized
1-PCF-4 Double Side Nursery Feeder - Galvanized
2-S-PCF Double Side Nursery Feeder - Stainless Steel
1-S-PCF-S Single Side Nursery Feeder - Stainless Steel

* Misc Reconditioned Electric Motors
* Misc. New & Reconditioned Kalglo Light Dimmers
* New & Used Universal Barn Alarms
* Misc Cable Lengths - Stainless Steel & Galv
* Auto-Medic Medicators

1969 TERRY 20' TRAVEL TRAILER

25 - NEW ECHO & WEED EATER GASOLINE TRIMMERS

NEW MEYER'S 90" SNOW PLOW Complete for 1980 or 1981 Ford F250 4WD

- NOTE: We Will Have Many More Items To Be Sold Not Listed on Sale Bill.
- ORDER OF AUCTION: 9 AM Hardware, Lawn & Garden Equipment. 1 PM Building Material, Farm Equipment.

FREE COFFEE & DONUTS - FOOD AT AUCTION

Auction By
FARMERSVILLE EQUIPMENT INC.
R.D. #4 EPHRATA, PA 17522
717-354-4271

Auction Conducted By:
John E. and Paul E. Martin, Auctioneers
717-733-3511 - 717-733-3305 Ephrata, Pa.

TERMS: CASH, VISA, MASTERCARD, or GOOD CHECK

Public Sales Register

MON. DEC. 14 - Public Auction of Four Valuable Properties for the Estate of William G. Randler. 18.23 acres and 10 acres in Clay Township and these properties will be sold at property No. 2 12:00 Noon. Located just west of Mt. Airy. To get to Mt. Airy, take Route 322 West from Ephrata to Durlach Road, turn right onto Durlach Road, 2 miles to Mt. Airy. No. 3 42,295 sq. foot wooded lot in West Cocalico township located along Swamp Bridge Road, between Schoeneck and Reinholds. This to be sold at lot at 2.00 P.M. No. 4 61.29 Acre Farm in West Cocalico Township sold at 3 P.M. Location - take route 272 North from Ephrata to Schoeneck Road, turn north on Schoeneck Road, through Schoeneck to Hertzog Valley Road, turn right onto Hertzog Valley Road to property on left. Public Auction by the Estate of William G. Randler, Ephrata National Bank Executor. John E and Paul E. Martin, Auctioneers.

TUES. and WED DEC. 15 and 16 - 10 A.M. Public Sale of Assets of Fabricating Plant. Located at Fox Products Co., 4720 N. 18th St., Philadelphia, PA. William F Comly and Son Inc., Auctioneers.

THURS. DEC. 17 - Monthly Cow Sale at the Melvin Kolb, Inc. Sales Barn, 11342 Cragerstown, Rd., Woodsboro, Md. 21798. Thomas Miller, Sales Manager, Robert Mullendore, Auctioneer

SAT, DEC. 19 - 6:30 P.M. Danville Livestock Market, horse sale located Old Route 11, Danville, PA. Melvin M. Lehman, owner.

SAT. DEC. 19 - 12.30 P.M. Public Sale of Lawn and Garden Tractors and Diesel Tractors, Mopeds, Mowers, Tools and Snowmobiles. Located at Martindale, PA, 322 East. East of Ephrata to Hinkletown traffic light, turn left to Martindale and turn left on Grist Mill Rd. to auction on right. Randal Kline and Lloyd Kreider, Auctioneer.

SAT. DEC. 19 - 9 A.M. Public Sale of Real Estate. Located at 26 W. Main St., Strasburg PA, just west of Strasburg Square. Howard G. Johnston Estate. Howard Shaub and Roy C. Probst, Auctioneers.

MON. DEC. 21 - 2 P.M. Danville Livestock Market, cattle and hog auction. Located Old Route 11, Danville, PA. Melvin M. Lehman, owner.

MON. DEC. 28 - 2 P.M. Danville Livestock Market, cattle and hog auction. Located Old Route 11, Danville, PA. Melvin M. Lehman, owner.

TUES. DEC. 29 - 11 A.M. Real Estate at 1 p.m. Sale of 12 Acre Farm, Lumber and Misc. Building Items. Located along Spring Hollow Road midway between Terre Hill and Churchtown. PA. Sale by Paul and Verna Sauder Nevin Martin and Lewis Groff, Auctioneers.

JANUARY

MON. JAN. 4 - 2 P.M. Danville Livestock Market, cattle and hog auction. Located Old Route 11, Danville, PA. Melvin M. Lehman, owner.

THURS. JAN. 7, 1982, 9:30 A.M Dispersal of Holstein herd, hi grades & reg., horse drawn farm machinery, work horses. Located 3 mi south of Strasburg. Terms by Gideon B. & Katie Stoltzfus. Steve Petersheim, Auctioneer.

FRI. JAN. 8 - 5:30 P.M. Gap Auction. Antiques and Household Goods sold at every auction. Located off Rt. 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers.

PUBLIC AUCTION

of Farm Machinery

Farm sold and therefore must sell the following located just off Route 301, North of Centerville, Md., take dirt service road behind Agrico fert. ½ mile to sale site on

SATURDAY, DECEMBER 5
at 11:00 A.M.

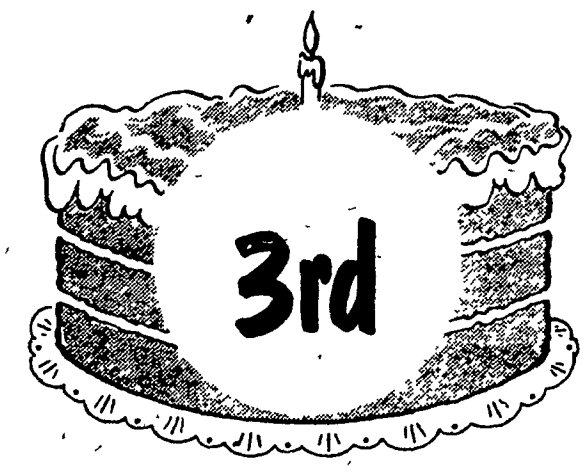
1971 Ford 600 2 ton cab over truck w/grain body, AC 170 diesel tractor, 2300 hrs., AC 185 tractors, 400 hrs. (like new), AC D17 gas tractor, AC #2300 10' wheel disc (like new), JD 10' cultipacker, IHC 8' wheel disc, Ford 12' #208 field cultivator w/midwest harrow, AC 4x16 3 pt. plows, AC 4 row front mounted culti., AC 700 series, 4 row corn planter, NH #616 field chopper, IHC #990 haybine, AC 400 loader w/hyd. bucket, NH chuck wagon, NI #212 PTO manure spreader (like new), NH corn elevator w/mtr., Danhauser post hole digger, IHC 16 tine disc drill, Ford 542 hay baler, Mohawk 7 ft. 3 pt. blade, Woods 6' rotary mower, Papec PTO silo blower w/50' of pipe, 2 wheel cart, NI side delivery rake, IHC wagon w/corn body, rubber tired wagons w/NH corn body, 5 rubber tired wagon w/good bodies, 4 hole hog feeder, mineral tub, watering troughs, round hay rack, hyd. rams, elect. motors, old hand corn sheller, barb wire, platform scales, truck tires, misc. tools.

Also for Betty Gleockler - AC 190XT tractor w/cab, AC 12' wheel disc, 150 bu. Little Giant wagon, AC 10' pull type chisel plow, Gleaner "G" combine w/440 corn head & 15' grain table, grain auger, JD grain drill.

Terms of Sale: Cash.

Owners
CHARLES & DONALD McNABB
Auctioneer, Joe Jackson, Jr.

THIRD ANNIVERSARY and CHRISTMAS SALE



MEL KOLB, INC.

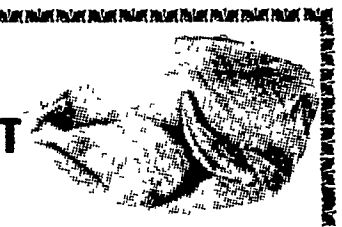
SPECIAL HOLSTEIN SALE

DAYTIME AUCTION AT 11 A.M.

FRIDAY, DECEMBER 4, 1981

FREE LUNCH FOR ALL DAIRY FARMERS

FREE TURKEY FOR EVERYONE THAT BUYS A COW!!!



LOCATION: West of Lancaster on Dairy Road. Take Rt. 283 west of Lancaster, exit just beyond ABC Stud Barns at Flory Mill Road, turn left after exiting, go to mill, and then sharp right under railroad bridge. Barn is within sight of Rt. 283.

200 HEAD OF FANCY HOLSTEINS

- 1 trailer load from Wisconsin; • 1 trailer load from Maine;
- 1 trailer load from New York State; • 1 trailer load from Vermont;
- 1 trailer load from New Hampshire;
- 1 trailer load from western & upstate Pennsylvania.

There will be 75 Purebreds of the finest quality, several are classified with D.H.I.A. Records. They are selected from the most outstanding herds we could find. Some of these cows are milking up to 100 lbs. per day. There will be 100 head of big fancy grade cows, just fresh, 80 to 90 pound cows--the kind everyone is looking for. 25 fancy grade springers and 25 big fresh Purebred first calf heifers.

SPECIAL MENTIONS:

A CHAPEL-BANK APACHE dau. VG-88 with 15,550m 721f, has Ex Chief dau. with 18,000 m; a NELACRES JOHANNA SENATOR dau. VG-85, dam at 2y 15,000m, 2nd dam GP lifetime 107,000m; a PACLAMAR BOOTMAKER dau. GP, dam EX 23,535m 841f, 2nd dam VG-88, 128,920 lifetime, one more dau. 88 pts. with 20,000 second calf; a MISTYMEAD TRUINE GALAXY dau. VG-86 with 22,702m 770f, and has ELEVATION dau. at 2-y 19,150m 655f, dam VG-85; a WILLOW FARM ROCKMAN IVANHOE dau. 288d 19,048m. 681f; a WAPA ARLINDA CONDUCTOR dau. with ELEVATION dam, GP with 18,846m 696f, due to VALIANT; an ARSHLA R.O. MONTY dau. with 20,309m 631f, dam VG-85, with 19,312m 695f, 2nd dam VG-88; a MOWRY IVANHOE PRINCE dau. GP 300d 17,873m, dam VG-87 with 16,508m, and more fancy ELEVATION daus., one dam 18,044m; a GP PACLAMAR ASTRONAUT dau. in 314d 20,042m 666f, dam a BOOTMAKER; a 3 yr. old fancy PACLAMAR ASTRONAUT, fresh, GP; a fancy 3 yr. old WILLOW FARM ROCKMAN IVANHOE dau., just fresh, as a 2-00 356d 16,188m 4.1 657f, never scored, but am sure will go VG; a 3 yr. old LUDVUE FOND TOM dau. GP-83, as 2-9 364d 17,716m 3.6 639f, due 12/12/81 to CREEK, her dam a VG BOOTMAKER dau., as a 4-03 286d 15,585 3.6 567f, next dam EX-91 as 6-00 360d 22,664m 3.5 789f.

Breeding age bull son of Jemini by Rosemere Fury Ivan daughter with 18,810M. Next Dam 86 VG 24,966M, 885F. 3rd Dam 3E 91 VEEE 7-1, 305, 22,707, 3.2, 729; 4th Dam VG 88 EX Mammary 1111 5-2, 365, 20,235, 3.9, 796; 5th Dam VG 6-4 365, 24,383, 3.8, 934.

ATTENTION: LANCASTER COUNTY AMISH-- If you need transportation to this Sale, please call 569-2106 or 569-6800 no later than Thursday night, December 3rd to arrange for someone to pick you up.

Please, everyone set aside this date and come to see our great selection of fine cattle.

COME EARLY--get all you can eat, buy a cow and receive a free turkey!

This is a special time of the year for the entire Kolb organization and we want to thank everyone for their friendship and patronage during this past year.

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(717) 569-2106
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MD FARM: Thomas Miller, Manager
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Thank You,
Mel Kolb
MEL KOLB

TERMS: Cash on day of Sale.
Not responsible for accidents.

Robert Mullendore--Auctioneer
Henry Kettering--Pedigrees
Marvin Eshleman--Clerk

DAY SALE **MONTHLY COW SALE AT LANCASTER 1st THURSDAY JANUARY 7 At 11:00 A.M.** DAY SALE

May everyone have a happy and joyous Christmas Holiday!

DAY SALE **MONTHLY COW SALE AT MARYLAND 3rd THURSDAY JANUARY 21 NOON** DAY SALE

Public Sales Register

Closing Date - Monday, 5:00 P.M. of each week's publication

MON. JAN. 11 - 2 P.M. Danville Livestock Market, cattle and hog auction. Located Old Route 11, Danville, PA.

SAT. JAN. 16 - 6.30 P.M. Danville Livestock Market, horse sale located Old Route 11, Danville, PA Melvin M. Lehman, owner.

MON. JAN. 18 - 2 P.M. Danville Livestock Market, cattle and hog auction. Located Old Route 11, Danville, PA. Melvin M. Lehman, owner.

MON. JAN. 25 - 2 P.M. Danville Livestock Market, cattle and hog auction. Located Old Route 11, Danville, PA. Melvin M. Lehman, owner.

FEBRUARY

MON. FEB. 1 - 2 P.M. Danville Livestock Market, cattle and hog auction. Located Old Route 11, Danville, PA. Melvin M. Lehman, owner.

MON. FEB. 8 - 2 P.M. Danville Livestock Market, cattle and hog auction. Located Old Route 11, Danville, PA. Melvin M. Lehman, owner.

SAT. FEB. 13 - Public Sale of Farm Implements, Livestock and Household Goods. Located midway between Bowmansville and Fivepointville in Brecknock Twp., Lanc. Co., PA - turn off Rt. 625 at first road south of town, Pleasant Valley Rd., travel 1 mi. turn left on Leid Rd., 1st farm. Noah Leid, Owner. LeRoy S. Horst and Paul W. Horst, Auctioneers.

MON. FEB. 15 - 2 P.M. Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA. Melvin M. Lehman, owner.

THURS. FEB. 18 - 9:30 A.M. Public Sale of Horse Drawn Farm Machinery. Located 9 mi. east of Lancaster City, PA. N. Harvest Rd. Terms by Levi S. Stoltzfus. Steve Petersheim, Auct.

FRI. FEB. 19 - 9:30 A.M Public Sale of Cattle. Located 4 mi. south of the Bucks, PA in Chestnut Level. Terms by Aaron and Emma Stoltzfus. Steve Petersheim, Auctioneer.

SAT. FEB. 20 - 6.30 P.M. Danville Livestock Market, horse sale located Old Route 11, Danville, PA. Melvin M. Lehman, owner.

MON. FEB. 22 - 2 P.M. Danville Livestock Market, cattle and hog auction. Located Old Route 11, Danville, PA. Melvin M. Lehman, owner.

FRI. FEB. 26 - 9:30 A.M. Public Sale of Antique Tractors, Engines, New and Used and Abused Farm Equipment, New Tools and Fruit. Located 10 mi. east of Lancaster, 2½ mi. west of New Holland, turn off of Rt. 23 on S. Groffdale Rd., turn left on Musser School Rd., Lancaster Co., PA. Elias S. Beiler. Robert E. Martin and Son, Auctioneers. 656-7770. Frank L. Steller and Blaine Rentzel.

MARCH

MON MAR 1 - 2 P.M. Danville Livestock Market, cattle and hog auction. Located Old Route 11, Danville, PA. Melvin M. Lehman, owner.

18th Annual Bart Twp. Fire Co. Sale to be held March 6, 1982. Horse Drawn and Farm Equipment, Building Material, Housewares, Antiques, Horses and Lawn Eq Also lg. selection of food by ladies auxiliary Located at the fire hall in Bart Twp., Georgetown, PA.

MON MAR 8 2 P.M. Danville Livestock Market, cattle and hog auction. Located Old Route 11, Danville, PA. Melvin M. Lehman, owner.

MON. MAR. 15 - 2 P.M. Danville Livestock Market, cattle and hog auction. Located Old Route 11, Danville, PA. Melvin M. Lehman, owner.

SAT. MARCH 20 - 6:30 P.M. Danville Livestock Market, horse sale located Old Route 11, Danville, PA. Melvin M. Lehman, owner.

MON. MAR. 22 - 2 P.M. Danville Livestock Market, cattle and hog auction. Located Old Route 11, Danville, PA. Melvin M. Lehman, owner.

SAT. MARCH 27 - Steve Gallant Potato Farms Complete Dispersal, Sweden Township, Potter Co., PA. Sale by Pirrung's, Wayland, NY or Ulysses, PA. 814-848-7421

MON. MAR. 29 - 2 P.M. Danville Livestock Market, cattle and hog auction. Located Old Route 11, Danville, PA. Melvin M. Lehman, owner.

APRIL

SAT. APRIL 3 - Estate of Richard L. Sarginger Potato Equipment Dispersal, Sweden Township, Potter Co., PA. Sale by Pirrung's, Wayland, NY or Ulysses, PA. 814-848-7421

MON. APR. 5 - 2 P.M Danville Livestock Market, cattle and hog auction. Located Old Route 11, Danville, PA. Melvin M. Lehman, owner.

MON. APR. 12 - 2 P.M. Danville Livestock Market, cattle and hog auction. Located Old Route 11, Danville, PA. Melvin M Lehman, owner.

SAT. APRIL 17 - 6.30 P.M. Danville Livestock Market, horse sale located Old Route 11, Danville, PA.. Melvin M Lehman, owner.

MON. APR. 19 - 2 P.M. Danville Livestock Market, cattle and hog auction. Located Old Route 11, Danville, PA. Melvin M Lehman, owner.

SAT. APRIL 24 - 16th Colonial Charolais Spring Sale, at the Farmers Livestock Exchange, Winchester, VA. Sponsored by the Colonial Charolais Assoc. Sale managed by Buzz Garey, 100 Walnut Lane, Morrisville, PA 19067.

MON. APR. 26 - 2 P.M. Danville Livestock Market, cattle and hog auction. Located Old Route 11, Danville, PA. Melvin M. Lehman, owner.

MAY

MON. MAY 3 - 2 P.M. Danville Livestock Market, cattle and hog auction. Located Old Route 11, Danville, PA. Melvin M. Lehman, owner.

MON. MAY 10 - 2 P.M. Danville Livestock Market, cattle and hog auction. Located Old Route 11, Danville, PA Melvin M. Lehman, owner.

SAT. MAY 15 - 6:30 P.M. Danville Livestock Market, horse sale located Old Route 11, Danville, PA. Melvin M. Lehman, owner.

MON. MAY 17 - 2 P.M. Danville Livestock Market, cattle and hog auction. Located Old Route 11, Danville, PA.Melvin M. Lehman, owner.

MON. MAY 24 - 2 P.M. Danville Livestock Market, cattle and hog auction. Located Old Route 11, Danville, PA. Melvin M Lehman, owner

MON. MAY 31 - 2 P.M.Danville Livestock Market, cattle and hog auction. Located Old Route 11, Danville, PA.Melvin M Lehman, owner

JUNE

MON. JUNE 7 - 2 P.M Danville Livestock Market, cattle and hog auction. Located Old Route 11, Danville, PA. Melvin M. Lehman, owner.

SAT. JUNE 12 - 1982 - Colonial Invitational. Sale hosted by Brattan Charolais Farm, McVeytown, PA and sponsored by the Colonial Charolais Association. Sale managed by Buzz Garey, 100 Walnut Lane, Morrisville, PA 19067.

MON. JUNE 14 - 2 P.M. Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA. Melvin M. Lehman, owner.

SAT. JUNE 19 - 6:30 P.M. Danville Livestock Market, horse sale located Old Route 11, Danville, PA Melvin M. Lehman, owner.

MON. JUNE 21 - 2 P.M. Danville Livestock Market, cattle and hog auction. Located Old Route 11, Danville, PA. Melvin M. Lehman, owner.

MON. JUNE 28 - 2 P.M. Danville Livestock Market, cattle and hog action. Located Old Route 11, Danville, PA. Melvin M. Lehman, owner.

NOTICE

To assure that your Public Sale appears in the Public Sale Section we must have your advertisement by 4 P.M. Tuesday of each week's publication.

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GOLDEN HARVEST SALE & GARDEN SPOT SALE
THURSDAY, DECEMBER 10

(11:00 A.M.)
LANCASTER, PA.

Sale held at the Guernsey Sale Pavilion located on Rte. 30 only 5 miles east of Lancaster, Pa.

125 REGISTERED HOLSTEINS

All tested for interstate immediate shipment. Exam for Preg.
HERE ARE A FEW OF THE GREAT ONES SELLING!!

* A third generation EX gr'dtr. of Elevation. EX-91 with 20,164 M. 3.7% 782 fat and index of 1081 M. at 4 yrs. Dam is 2E-91 with 21,277 M. 782 F. 2nd dam Ex with 17,710 M. 619 F., Both gr'dams are by Astronaut. Fresh in October.
* EX "Chief" sells with 1173 F. 31,577 M. 3.7% Index of +1650M. Due about sale time to Pendell Elevation Ivan. Watch for this one.
* A "VG-88" "Glendell" sells with 797 F. 20,529 M 3.8% at 2y3mo. Index of 1144 M. Fresh and gave 87.3 with 3.8% test in Oct.
* 837-lb. 2 yr. dtr. of Elevation out of EX-94 show dam with 873 F. 23,820 M. Due in Jan. to Apache.
* 7 Good ones from Harry & John Thompson, Newtown, Pa. including a Milu from a 723-lb. Elevation and next dam VG-88 "Apollo". A Jet Stream from an 88 pt. dam with 838-lbs. fat. a 636-lb. young Elevation due to Jemini.
* There are many more to select from that are pictured and described in the Nov. 10 Holstein World.
* Yrlg son of Jupiter out of "EX-94" Lola with 994 F. 25,770 M. Next dam 3E-92 with 1167 F. Next dam a VG-86 dtr. of Ivanhoe.
* Gr. Champ Bull 1981 Spring Show of Pa. by Persuader from a VG-88 dam with 783 Fat.
* 11 mos. son of Bootmaker out of All-Pa 2 yr. 1980 with 629 F. at 2 yr. 4.2%
* Yrlg son of Conductor out of VG-86 dam with 966 F. 27293 M. at 4 yrs. Nov. fresh and over 100-lbs. Next 3 dams are all "VG" with good records.
* We have 8 more good ready for service bulls for you to select from.

MAKE YOUR PLANS NOW TO ATTEND AND BUY FROM THIS GREAT GROUP OF HOLSTEINS!!

Golden Harvest selected by Jay Howes, Warriors Mark, Pa. and Peter DeBlock, Jr.

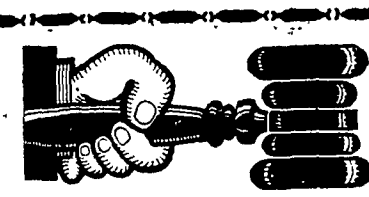
R. AUSTIN BACKUS INC.
Sale Mgrs. & Auctioneers
Mexico, N.Y.

SALE EVERY TUESDAY
Graded Sale
1st Tuesday each month
2 P.M.
Horse Auction
2nd Saturday each month
1 P.M.
FAUQUIER LIVESTOCK EXCHANGE
Marshall, Va.
703-364-1566

PUBLIC SALE
OF FARM MACHINERY
THURSDAY, DEC. 10, 1981
12:00 P.M.
LOCATED: 1 mi. North of Manchester, Pa. turn in lane on right, (at white rock).

FARM MACHINERY

Farmall M tractor - Farmall H tractor, Farmall 200 tractor w/fast hitch, Farmall C tractor, 1972 Int. 1800 truck w/(Van body G.V.W. 33,000 lbs., 2 speed rear & air brakes), J.D. 45 Combine w/Grain Head, New Holland 69 Hay Baler, New Idea #7 Corn Picker, Little Giant elevator drag, 24 ft. elevator, New Idea Hay Conditioner w/large wheels, J.D. Killifer disc on wheels, J.D. K.B.A. Disc, Int. 3 bottom Plow, (2) New Idea Hay Rakes on Steel, Stalk Chopper with hood attachment, 3 Flat Bed wagons, 100 gal. Sprayer Tank, Int. C mower, Culti for M.H. & C, New Idea 12A Manure Spreader, Land Roller, 8 ft. Cultipacker, Oliver Superior Grain Drill, Int. Loader Model 31 for H or M, Int. 12 ft. Spring Harrow.
There are no small items on this sale. "BE ON TIME".
TERMS: CASH OR GOOD CHECK
(Full settlement sale day)
FARM CREDIT ASSN. OF YORK, PA.
AUCTIONEER:
Blaine R. Rentzel
Emigsville, Pa.
764-6412



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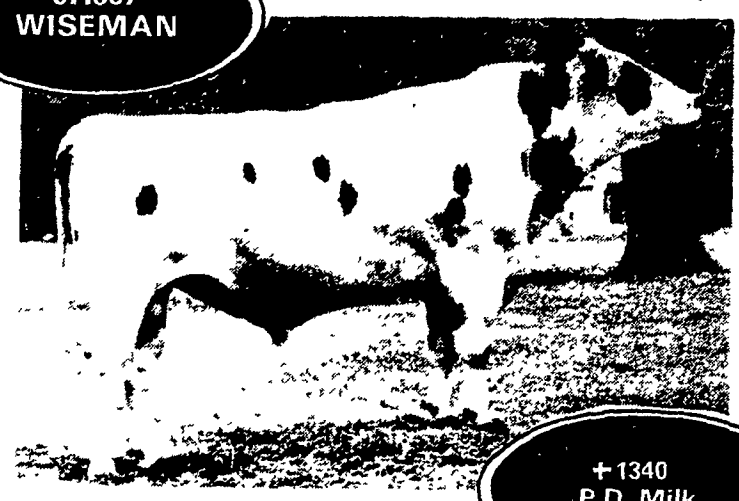
NEW SIRES OVER +1200 P.D. Milk AND PLUS ON TYPE

from Sire Power INC

Member Cooperatives
Northeastern Breeder Association
Md Artificial Breeding Coop , Inc
W. Va Artificial Breeders Coop , Inc

9H557 WISEMAN



+1340 P.D. Milk

9H557 Killdee Astrochief WISEMAN, VG (87)
USDA 7/81 RIP 55% Rpty. 77%
76 Dtrs 58 Herds

		17037m	3.6%	615f
Pred. Diff. '74	**+$160**	**+1340m**	**-.04%**	**+43f**

HFA Type Summary 7/81
Pred. Diff. +0.43, Rpt. 52%

9H574 DINO

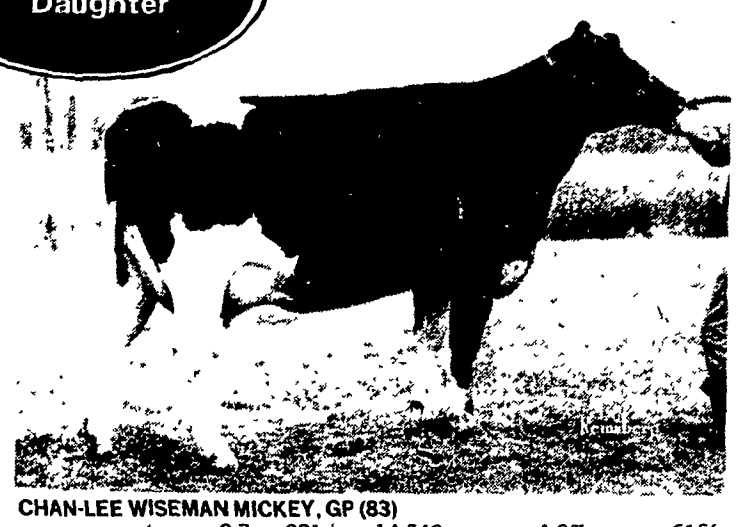
+1250 P.D. Milk

9H574 Dorloy Monitor DINO, GP (84)
USDA 7/81 RIP 83% Rpty. 66%
47 Dtrs. 42 Herds

		18163m	3.6%	658f
Pred. Diff. '74	**+$136**	**+1250m**	**-.09%**	**+32f**

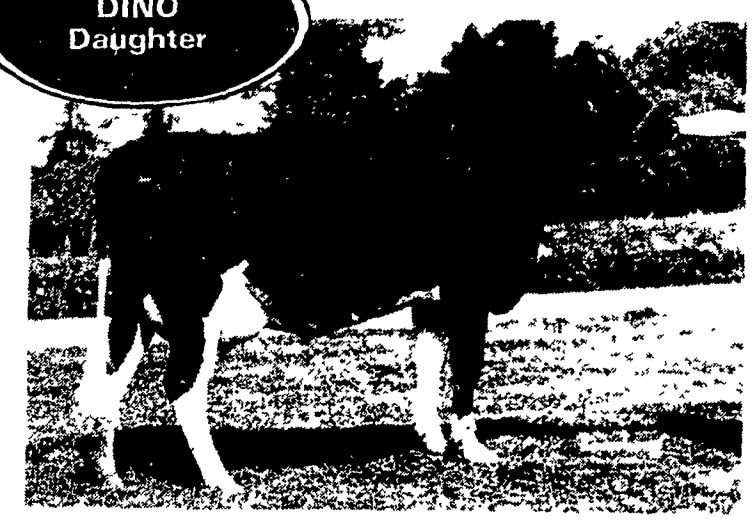
HFA Type Summary 7/81 -
Pred. Diff. +0.22, Rpt. 42%

WISEMAN Daughter



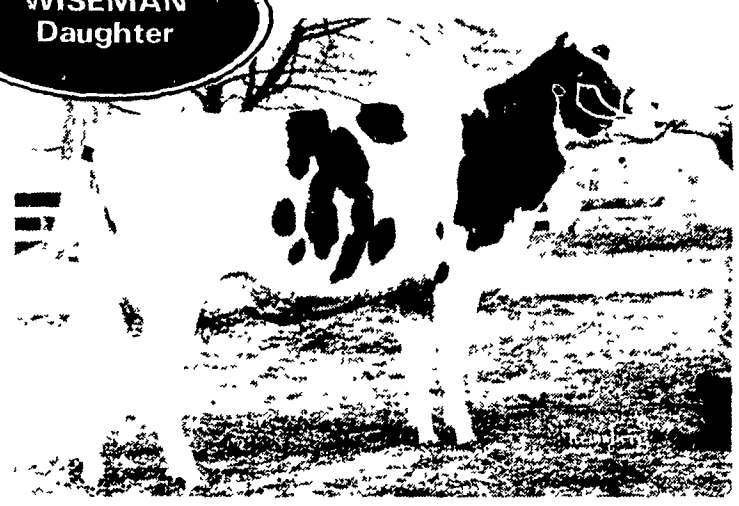
CHAN-LEE WISEMAN MICKEY, GP (83)
2-7 331d 14,540m 4.2% 615f
Owner: Charles Lethbridge, Taneytown, MD

DINO Daughter



LIME-VAL DINO KATRINA, NC
2-4 342d 17,441m 3 9% 674f
Onwer: Royal & Rick Champluvier, Wyalusing, PA

WISEMAN Daughter



SMITH-MEAD ASTROCHIEF MAGNOLIA, NC
2-2 308d 15,110m 4.1% 624f
Owner: John Williams, Union Bridge, MD

DINO Daughter

PONTIUS DINO BERTIE - GRADE
2-4 310d 18,087m 3 6% 651f (Inc)
Owner· Marvin Pontius, Millerstown, PA

9H557 WISEMAN and **9H574 DINO** are two recently proven bulls, both over +1200 PDM, plus on type, and add new strength and pedigree appeal to the Sire Power line-up

WISEMAN combines Chief and Astronaut to sire smooth cattle with outstanding udder attachments Their rear udders are very wide with exceptional height of attachment as well as strong and smooth fore udder attachments **WISEMAN** daughters also have smooth, wide rumps and feet with good depth of heel

DINO daughters are very tall, stylish cattle with correct legs. Their fore udders are smoothly attached and the udders have a strong center support and correct teat placement. Use **DINO** to improve stature, udder support, and teat size, shape, and placement

WISEMAN and **DINO** semen is available from Sire Power Representatives Contact us at 717-836-3168

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Farm Business News

Weaver makes 3 appointments

Betty Herr

Glenn VanDerSchaaf

Joe DePippo

NEW HOLLAND — Three staff appointments have been announced by Victor F. Weaver, Inc., New Holland.

Betty W. Herr, R2, Narvon, has been named to the post of consumer information director, Consumer Affairs Section in the Public Relations Department.

Glen VanDerSchaaf, of Leola, has been named marketing services manager, Foodservice Sales and Marketing Group.

Joseph A. DePippo, of Bart, has been named sales manager, foodservice, sales and marketing group.

Mrs. Herr is a graduate Penn State where she received her bachelor's degree in English.

She joined Weaver in 1978 as a public relations secretary and was later promoted to the position of public relations and consumer affairs coordinator.

Active in community affairs, she is a member of the Pennsylvania Dorset Association and the Red Rose Alliance.

In her new position she will responsible for coordination consumer inquiries and response, consumer education, the corporate tour program, and other consumer related activities.

VanDerSchaaf is a graduate of the University of Nebraska where he received a bachelor's degree in business administration from Gustavus Adolphus College.

Prior to joining Weaver in 1980, as district sales manager - Foodservice, he held positions with Pierce Foods Corporation and MITRE Corporation.

In his new position as marketing services manager, he will be responsible for designing advertising and promotion programs for the Foodservice Division, as well as serving as a liaison between Weaver and its advertising agency, Institutional Advertising Associates.

DePippo is a graduate of Elizabethtown College with a bachelor's degree in business administration with a concentration on marketing management.

He joined Weaver in 1976 as a sales trainee and has held positions as district sales manager-Foodservice, and advertising manager-Marketing Department. More recently he has served in the capacity of product manager - refrigerated sales in the Weaver Marketing Department.

In his new position as foodservice sales manager, he will be responsible for developing and administrating all Weaver foodservice sales activities.

USDA official visits Sauder operation

Richard Lyng, left, USDA Deputy Secretary, visits R.W. Sauder egg processing operation, north of Lititz, Lancaster county. Visit on Friday, Nov. 20, also included, from left, Sauder, Penrose Hallowell, State Sec. of Agriculture; Noah Wenger and June Honaman, State Representatives. Lyng visited Lancaster County for the annual Inter-State Co-op meeting and went on to Harrisburg for a luncheon with state farm leaders.

USDA studies rail-truck deregulation's effect on farming

WASHINGTON, D.C. — At U.S. Senator Roger Jepsen's (R-Iowa) request, the U.S. Department of Agriculture will study the effects of rail and trucking deregulation on the farm economy.

"Profits for farmers, as well as for thousands of other businessmen, depend on good transportation to their markets," Jepsen wrote in a letter to Secretary of Agriculture John Block. "To the best of our knowledge, there has been no concerted, organized effort to objectively assess the impact of deregulation on agriculture."

Secretary Block said he shares Jepsen's concern, replying, "The proven effectiveness of our agricultural marketing system must not be jeopardized."

Block directed the U.S.D.A.'s Office of Transportation to work with the Department of Transportation and with other agencies to complete the study "as soon as possible."

Congress deregulated both the rail and trucking industries last year. However, disagreements still remain over the effects of those actions on agriculture, with some groups saying that freedom in setting rates and service levels is necessary for expanding the transportation system, while others express concern that small and single-line shippers will be frozen out of business by the changes in service permitted under the new laws.

"Both the House and Senate have been holding hearings on the deregulation process, and the study now underway should prove invaluable," Jepsen said. "Even though Congress has deregulated the rail and trucking industries, we have an obligation to monitor the transition and its effects on everyone whose business is touched by it."

In addition, Jepsen has convinced a House-Senate conference committee to earmark $15 million for revitalization of the Twin Cities-Kansas City grain route.

"It is extremely important that this vital link between Iowa farmers and their markets be maintained and revitalized because this line cuts through some of the most productive land in the state," Jepsen said. "I'm pleased that the project has been given top priority."

MGS develops 'talking' trailer hitch

DENVER — A Lancaster County manufacturer has announced development of a new trailer hitch that prevents trailer theft and warns if the hitch begins to uncouple.

SAF-T-BALL, developed by MGS, Inc., R3 Denver, features an electric switch concealed within the ball of the hitch. If the hitch begins to come loose, if the trailer is removed from it, or if the wires are cut, the car's horn will sound continuously until the owner shuts it off.

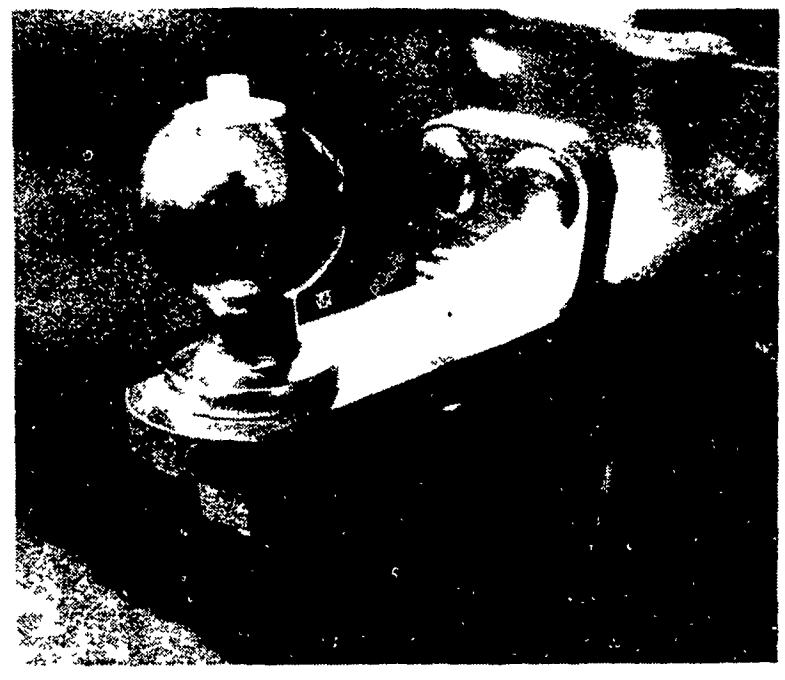
According to MGS President Roland Gehman, the device is wired through the car's battery to the horn. It can also be wired to a separate battery and horn or siren. Either way, the alarm system can be deactivated only by throwing a switch, which the manufacturer suggests be located in the car's trunk.

Conceived by Shippensburg inventor Edgar Engle, SAF-T-BALL is designed primarily for campers, boat trailers, and utility trailers, and can be used with any trailer and any socket coupling of the correct size. The safety hitch is available in 1 7/8" and 2" sizes.

Installation time for the do-it-yourselfer is estimated at 30 to 45 minutes. Wiring can be located beneath or through the automobile.

The manufacturer emphasizes that the hitch does not interfere with any of the vehicle's other safety devices.

Information on SAF-T-BALL, which will be sold via direct mail and through trailer dealers, is available from MGS Inc., R3, Denver, Pa. 17517.



SAF-T-BALL is wired through the car's battery to the horn. If the wires are but or the coupling disturbed for any reason, the car horn will sound continuously until deactivated through a switch in the trunk.

Fertrell acquires Probios line

BAINBRIDGE — The Fertrell Company, of Bainbridge, has acquired a new product line, according to Jody Thome, vice president of sales and marketing.

Probios brand microbial cultures, manufacturered by Pioneer Hi-Bred International, Inc., are now available through 30 distributors servicing 300 dealers east of the Mississippi, Thome added.

Probios products contain select strains of beneficial bacteria and are administered orally to livestock — especially when these animals are under stress. These living microorganisms then populate the intestinal tract and crowd out harmful disease causing organisms such as E. coli bacteria.

"We feel the time is right for this product line," Thome said, particularly with dairy cows and dairy replacement heifers.

"Dairy cows are under continual pressure for high milk production. Probios products, by creating an ideal situation in the intestinal tract stimulate appetite and help the milking cow better utilize the food she eats, and this means more milk for the producer."

Probios cultures will help keep veal calves on feed and get them to market heavier with fewer problems for the producer, continues Mr. Thome.

Probios products contain no drugs and therefore are no residues or withdrawal periods.

The Fertrell Company manufactures fertilizer and vitamin and mineral premixes. They have been in business 25 years beginning in Baltimore then moving to Bainbridge in 1960. The past five years have shown a 20 percent annual increase in sales for the Fertrell Company.

Jones graduates

Marvin Jones, of Erb & Henry Equipment Co., New Bernville, has completed a basic refrigeration course at the DeLaval Agri-Systems Academy. Jones was wrongly identified in last week's issue. We regret the

Farm Talk

Jerry Webb

Running out of water

Something is happening out West that could have enormous implications for local farmers. They're running out of water.

Not that some of those Plains states were exactly the Garden of Eden in the first place, but a substantial share of our feed grain is produced in states where adequate rainfall is always a problem. And now the whole concept of irrigation may be in trouble.

A study done at the Center for Agricultural and Rural Development at Iowa State University indicates that an area stretching from the Nebraska, South Dakota border down into the Texas Panhandle is using up ground water much faster than it's being replaced. And the Center is predicting that by 1990 this shortage of ground water will cause that region's farm production to decline by 970 million dollars.

The area, known as the Ogallala Aquifer region, is already facing a crisis with some counties drawing water from the ground at a rate 10 times faster than it is being replenished. The problem is compounded by the fact that as the water table drops, it costs more to pump water for irrigation, and that makes it even less profitable for farmers.

As a result of the decline in available ground water in that region, the study points out that there will be a dramatic decline in irrigated land. That means a return to the much less productive dry land farming common before the widespread use of irrigation.

The problem in the Ogallala Aquifer may be more pronounced and the impact more dramatic than in some other places. But it points to what a lot of experts have been saying all along — that farmers are drawing more water out of the ground than nature is putting back — and that a day of reckoning is at hand. We can't just keep going deeper into the ground to find a declining water supply.

While this may work for a while, eventually it becomes economically impossible. It just costs too much to drill the wells and pump the water. Farmers in those situations would be unable to compete with farmers in areas of more plentiful rainfall, or where irrigation water is more readily available.

It stands to reason that some of the semi-arid parts of this country are that way for a reason. They just don't get enough rain. Modern agriculture's efforts to modify that situation by drilling wells and pumping water to the crops is at best a short run solution because it relies on reserves stored over the centuries — reserves that aren't being replenished at nearly the rate of use.

Obviously, if those dry areas were getting the rainfall they needed irrigation wouldn't be necessary and they wouldn't be dry areas. But they are, and farmers have tried to cultivate them anyway, and in the long-run natural scheme of things that just won't work.

So it looks as though some of those irrigated oases of the Great Western Plains states are going to be drying up, perhaps even sooner than some experts were predicting. And that's where the implications lie for local farmers.

Those farmers with plenty of water, at least for the short run, or with moisture-retaining soils that will produce an adequate crop year in and year out, have a considerable advantage. Combine that with the fact that local farmers are within easy shipping distance of half of the nation's population, and it becomes apparent that locally produced farm commodities are going to continue to enjoy strong demand.

Of course these are long-range situations. Kansas isn't going to dry up overnight and the Delmarva peninsula won't be a breadbasket for the East in the next few years. But the trends seem to be pointing in that direction.

There are good logical reasons why some of the Western states will return to more dry land farming while some other areas of the country, including the Delmarva peninsula, step up their production of both food and feed crops.

It's a matter of comparative advantage. If we have the water and the other factors of production and we're closer to the markets and to the people who need food, then it makes sense that we're going to be strong in the farming business for a long time. Therein lies a serious challenge to farmers, politicians, land use planners and others who have a stake in the long-range health and well being of agriculture.

MAES researcher to present papers at engineer's meeting

COLLEGE PARK, Md. — A research engineer for the Maryland Agricultural Experiment Station will be one of several key speakers at the American Society of Agricultural Engineers' winter meeting in Chicago Dec. 15-18.

Lewis E. Carr, a University of Maryland instructor and extension specialist with nine years' research experience at MAES's broiler research substation near Salisbury, will chair one segment of the ASAE meeting and present scientific papers for two others.

One of Carr's papers, "Water and Feed Requirements for Broilers," offers research results of his work with feed and water equipment in the Delmarva broiler industry and how it affects broiler nutritional requirements at different stages of the broiler's maturity.

His second paper, "Broiler Ocular Response To Different Light Sources," explores various artificial, and natural lighting schemes proposed in commercial broiler houses.

Carr draws on a lengthy background of research activity in the area of environmental structures, working primarily with the Delmarva broiler industry to improve the current state of technology that defines how broiler houses should be built and equipped to increase production.

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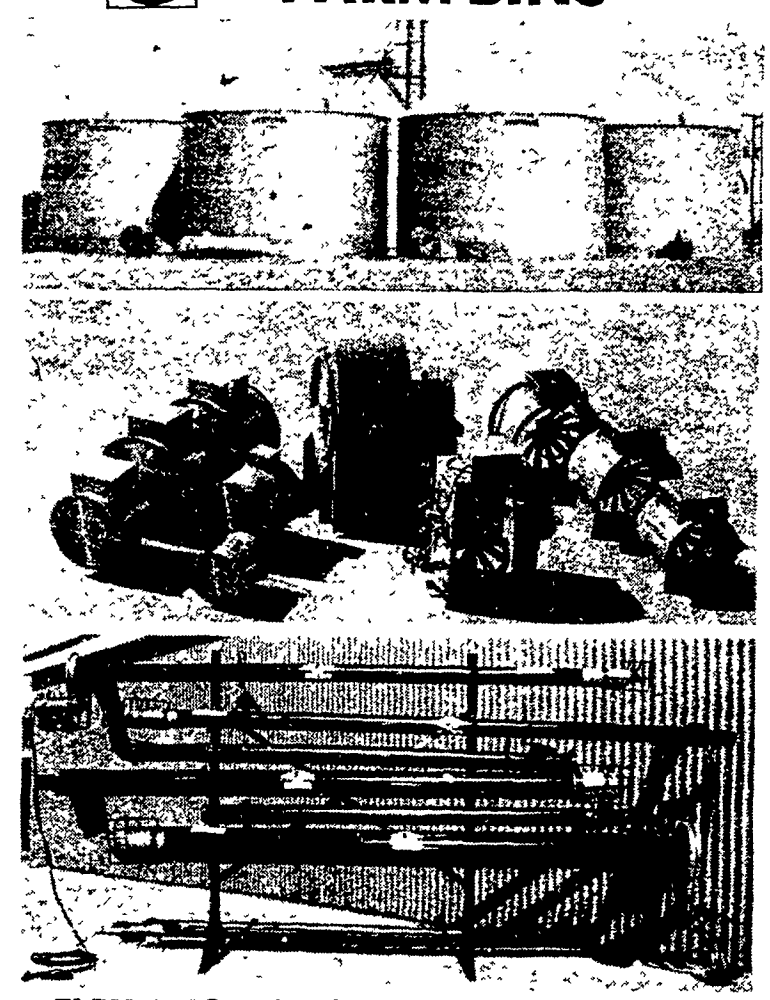

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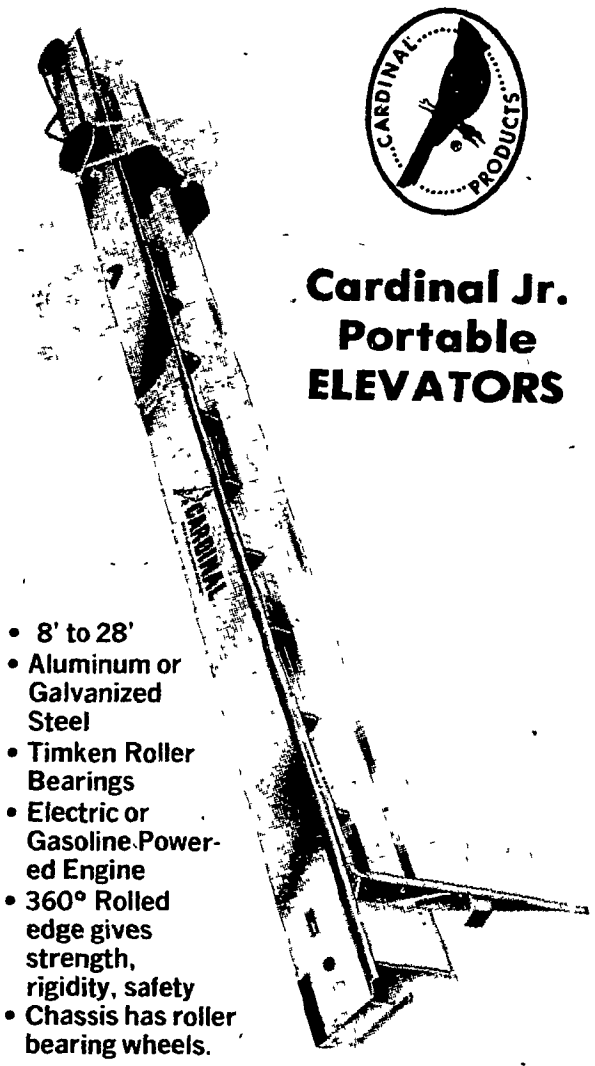

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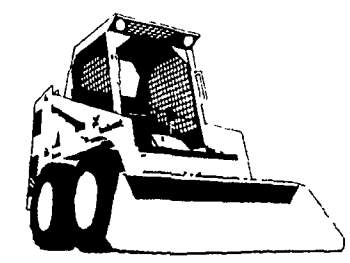

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'Spoonfeed' nitrogen for greater efficiency

MORRISTOWN, N.J. — Corn growers can guard against heavy nitrogen losses and reap a greater return from their fertilizer investment by making multiple, or split, applications of this vital nutrient, according to Don Johnson, agronomist, Allied Corporation.

"Most of the nitrogen used by a corn plant is absorbed six to 12 weeks after planting," he says. "With today's soaring interest rates and high costs of crop production, it just doesn't make sense to apply most of your nitrogen several weeks — or even months — ahead of the crop-uptake period."

Johnson is not against fall fertilization. But he does think corn growers, as a general rule, should apply no more than half of their crop's total nitrogen requirement at that time.

The balance, he adds, should be "spoonfed" to the crop during the spring and summer months.

"It's never a good idea to put all your eggs in one basket," Johnson says. "To play it safe, farmers should apply nitrogen several times a year in smaller increments, rather than apply most of it in one shot.

"The result will be greater nitrogen efficiency, higher yields, less risk of nitrogen losses from denitrification or leaching, and perhaps most importantly — reduced nitrate pollution in well water," he adds.

The advantages of splitting nitrogen applications have been demonstrated at several universities, perhaps most dramatically at the University of Minnesota.

When 100 pounds N were applied at planting, yield was 92 bushels per acre, compared to 43 bushels where no nitrogen was applied.

When 100 pounds N were divided into four 25-pound doses and applied at 30-day intervals, yield jumped to 154 bushels per acre — a 62-bushel increase.

In similar trials, fields receiving a 200-pound rate of N in one shot at planting produced 158 bushels per acre — only four bushels more corn than where 100 pounds N had been applied in four 25-pound increments.

When the 200 pound rate was split into eight 25-pound doses and applied at 15-day intervals, yield rose to 192 bushels per acre — a 34-bushel increase.

"Not every farmer has the time or ability to make eight — or even four — applications of nitrogen in one season," Johnson notes. "But these data serve to make a point about the benefits of 'spoon-feeding' nitrogen to a crop when it needs it most.

"When farmers apply all of their nitrogen at once, they're severely undercutting their yield potential."

While farmers growing corn on dryland cannot possibly use nitrogen as efficiently as irrigators, they can still make three applications without having to buy new equipment or make drastic changes in their cultural practices, Johnson says.

For example, if a corn crop's total nitrogen requirement is 200 pounds per acre, Johnson suggests applying 100 pounds in the fall, with a nitrogen stabilizer. An additional 60 pounds N can then be applied in a tank mix with next spring's herbicide, and another 40 pounds N can be sidedressed when corn is in the eight- to 10-leaf stage. (More nitrogen can be sidedressed, if needed.)

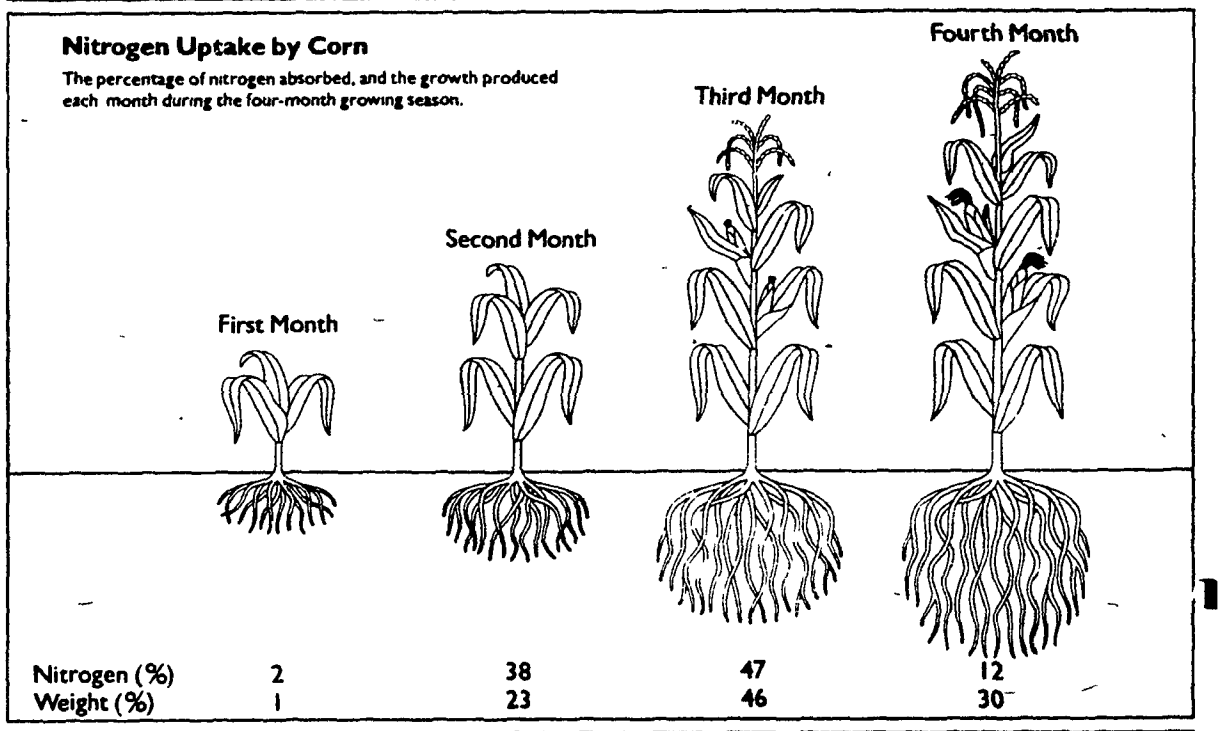
"If a deficiency of another nutrient is detected after the crop is up, the farmer may then want to knife in a mixed liquid," Johnson says. "If the crop is short on sulfur, then a nitrogen-sulfur solution such as Suran (28-0-0-2S) or ammonium thiosulfate (12-0-0-26S) could be used."

If fields are too wet to be sidedressed or fertigated, an aerial application of a nitrogen-containing foliar spray could be used in the interim to fill the nitrogen gap, Johnson says.

Foliar fertilizers such as Folian (12-4-4-.5S), NZN (15-0-0-5Zn), NMG (14-0-04Mg) and NFE (16-0-0-4Fe) can supply the crop with enough nitrogen until fields can be sidedressed or fertigated.

These foliar sprays can be "piggybacked" with most popular insecticides, fungicides and postemergence herbicides to save a trip across the field. Johnson urges farmers to consult their farm supplier or do a jar test before tank mixing any agrichemicals.

A foliar fertilizer, he adds, can supply only a small percentage of the crop's total fertilizer requirement, and should not be used as a substitute for good soil fertility.


Nitrogen Uptake by Corn
The percentage of nitrogen absorbed, and the growth produced each month during the four-month growing season.
First Month
Second Month
Third Month
Fourth Month
Nitrogen (%) 2 38 47 12
Weight (%) 1 23 46 30

More than half of the total nitrogen used by corn is absorbed three to four months after planting. With today's soaring interest rates and rising costs of crop production, it just doesn't make sense to apply most of your nitrogen fertilizer several weeks, or even months, ahead of the crop-uptake period, Johnson says.

Grangers urge continuation of farm programs

SPOKANE, Wash. — "The most important consideration in any national farm program continues to be the need for improving farm prices and income," stated the National Grange in its 115th annual convention held here, Nov. 9-16.

Grange delegates from 37 states said future farm programs must accomplish the objectives of furnishing adequate food and fiber to the consumer at affordable prices and provide a fair return to producers for their labor, capital and management.

The farm leaders are recommending the establishment of nonrecourse loan levels and target prices on all major farm commodities to be adjusted annually to equal production costs. Also establishing adequate authority for set-aside and land diversion programs with payments for land taken out of production at rates sufficient to accomplish program objectives.

They want to continue the disaster assistance program until the federal crop insurance program has been evaluated and found to be a suitable replacement and that the prevented planting program be continued. Also expand and utilize authority for government purchase of U.S. produced beef and pork for use in domestic and P.L. 480 programs.

The delegates also called for updating crop planting history and use of previous years harvested acres as a basis for acreage adjustments and discontinue the normal crop acreage concept for acreage adjustments.

They oppose allowing any government agency to become the sole negotiator in export sales of U.S. produced grain and soybeans.

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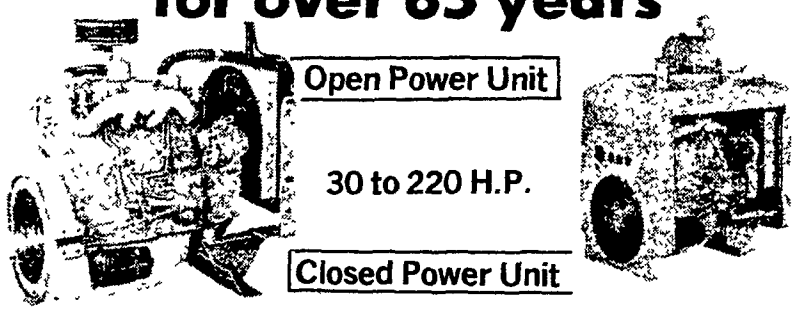

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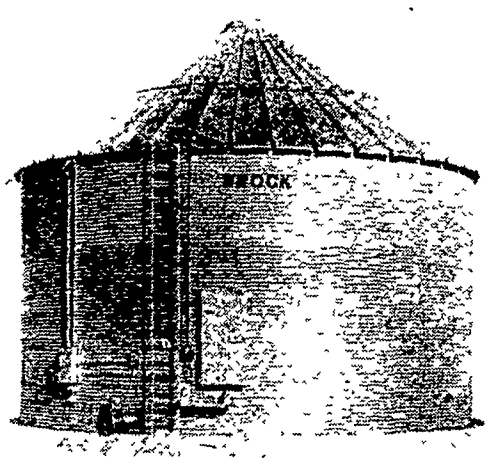

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The Milk Check

TOM JURCHAK
County Agent

Small Change

It wasn't a lot but at least it was in the right direction. The uniform price for farmers shipping milk to Order 2 handlers in October was $13.87 and that's four cents better than September milk. It wasn't much but you got it by decreasing your shipments 2.6 percent per day and increasing your fluid sales by two percent.

That was enough to raise your Class I utilization from 45 percent to 47 percent. Your Louisville Plan pay back was 45 cents — the same as last month. Your Class I price went down six cents and your Class II price went up six cents so they cancelled out each other. So all you had was a better Class I utilization of two percent that was worth four cents on your milk check.

However, before you get too cocky, it should be pointed out that your October shipment of 862 million pounds were the highest in 16 years and your blend price was only 30 cents better than last October. That's an increase of only 2.2 percent — hardly enough to match rising costs. As I said in the beginning, it's only a small change but at least it's in the right direction.

November will be your last month this year for Louisville Plan pay backs and it usually runs about two thirds of September and October so look for falling prices from here to the end of the year. In fact, whatever you think of your October price of $13.87, it will be the highest you'll get this year and a record high for Order 2, for whatever that's worth.

Thanks, CCC

That 21 days in October when the support price was increased from $12.80 to $13.18 before Congress and the President rolled it back was enough to improve the Minnesota- Wisconsin price six cents for that month. It happened because the Commodity Credit Corporation stayed in the market buying butter, powder and cheese even though they must have guessed that the new price wouldn't last.

At least they didn't hang back and wait but continued to honor contracts and sign agreements sometimes at record levels at the higher prices. As a result, average monthly prices for butter, powder and cheese increased sufficiently to get the M-W up to $12.52 after six months of steady decline since February. It will probably be the highest for 1981 but it only matches the M-W for November 1980 and that ought to tell you something about where milk prices are going.

Lebanon elects ASC committees

LEBANON — Ballots for voting for community committeemen of Lebanon County Agricultural Stabilization and Conservation Service were mailed to all known agricultural producers on Nov. 13, according to John Stick, Chairperson.

Farmers are requested to vote for not more than three candidates of their choice including "write-in" candidates. The three candidates receiving the highest number of checked ballots will be elected.

ASC community committees represent farmers in the area in which they reside, in matters concerning the administration of U.S. Dept. of Agriculture programs administered by ASCS.

Ballots should be marked and returned according to included instructions. Persons not receiving a ballot may obtain a ballot from the county office, by calling 273-9321 or visiting the office in the Agway Bldg., 16th & Cumb. Sts., Lebanon. Ballots shall be returned to the office by Dec. 7, 1981. Voter eligibility for ASC committee elections is non-discriminatory.

Any eligible farmer can vote regardless of religion, race, sex, color or national origin. Voter lists will be open for public inspection through the final date for returning ballots on Dec. 7, 1981.

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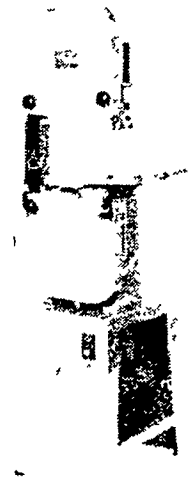

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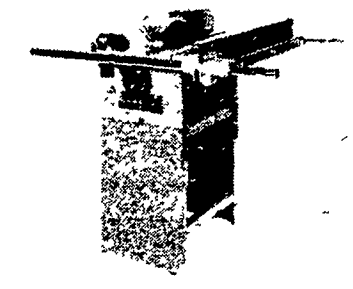

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JET 10 INCH CONTRACTORS TABLE SAW WITH EXTENSION WINGS

SPECIFICATIONS JTS-10 Stock Number 708510 Model Number JTS 10 Cutting Capacity 3 1/8 Saw Blade Diameter 10" Table Size 20 x20 Overall Dimensions 34½"H 40 W 30 D Recommended Motor 1 HP New Weight (approx) 195 Shipping Weight (approx) 210

$469.95

BLUE BALL MACHINE WORKS
Box 716, Rt. 322 Blue Ball, PA 17506 717-354-4478

Ag Arena consignments top 200 mark

UNIVERSITY PARK — Over 225 head of dairy, beef, sheep, and swine have been consigned to an all-breeds benefit sale to aid Penn State's Ag Arena fund raising project.

Proceeds of the sale, to be held December 11 in Harrisburg's Farm Show Complex, will go toward the construction of a 190,000-square-foot Ag Arena to be located adjacent to Beaver Stadium on the University Park Campus.

"Persons consigning animals to the benefit sale are being asked to donate at least 50 percent of the sale price to the proposed arena," says Milford Heddleson, College of Agriculture coordinator of environmental quality affairs and co-chairman of the fund raising campaign.

Dairy cattle will be sold at 11 a.m.; beef at noon; swine at 7 p.m.; and sheep at 7:30 p.m. Dairy and swine will be sold in the small arena and beef and sheep in an improvised arena in the poultry barn in the Farm Show Complex.

Pointing out the need for the $900,000 facility, Heddleson notes that the growth of student interest in agriculture has placed stress on already inadequate facilities. The Ag Arena will provide for classes and laboratories. It also will be used for various statewide shows, conferences, and sales.

"Many outstanding registered animals are consigned," the co-chairman points out. "There is a special selection of registered Holsteins including three outstanding bulls. There also is a superior selection of beef cattle, sheep and swine."

Auctioneers for the four sales are: Sheep - Brubaker Livestock Marketing, West Chester; Beef - Mike Jones, LaGrange, Georgia; Swine - Harry Bachman, Annville; and Dairy - R. Charles Backus, Mexico, New York; John Merryman, Sparks, Maryland; A. Doty Remsburg, Jefferson, Maryland.

Consigners by species are:

DAIRY CATTLE — Holsteins

Weim Sharr Farms, New Oxford, Adam Lobaugh, Aspers, Melvin Durboraw Gettysburg Junell Farms, Rochester, Elwood & Richard Smith New Enterprise; Allen & Charles Baker, Bedford Joseph & James Garman, Osterburg, Singing Brook Farms, Imler, Luther O Steele New Enterprise, Steve Hoover, Martinsburg

Larry Kulp, Martinsburg, Burket Falls Farm East Freedom, Thomas Kelly, Tyrone, Spring Lane Farm, Tyrone, Marcove Farm Martinsburg Russell Jones, Little Meadows, Alfred & Mary Sparling, Troy, Duane H & George D Wilcox Canton, Melvin Perfer, Canton, Ben Jackson Columbia Cross Roads, Walter B Wurster, Ottsville

Scott W Kummer, Evans City Wade Cooper Slippery Rock Pa State University, University Park, Tussey View Farm, Centre Hall Strouse & Neer Associates, Centre Hall, Raymond & Richard Coursen, Spring Mills, Emil Peters, Port Matilda Richard Graham Port Matilda Paul Hartle, Bellefonte, Joseph Hartle Jr, Bellefonte Paul Vonada, Howard

Douglas J Hershey & Michael D Weimer State College, Jay Houser, Spring Mills, Robert & Jane Pepple, Oxford, William Moore, Chatham, Lloyd & Jeanne Miller, Mayport, Howard Smith II, Mayport, Snyder Valley Farms, Parker, Rynd Home Farm Cochranton Robert A & Barbara J Freyermuth Meadville, Robert Morrell Cochranton

A-Jay Farm Spartansburg, Robert Strock, Mechanicsburg, Fred Potteiger Carlisle, Paul Strock, Mechanicsburg, Thomas Sheaffer Carlisle, Ashcombe Farm Dairy, Inc Mechanicsburg John Hertzler, Elizabethtown Stoneylawn Farm Middletown, Paul M Lytle, Jr Middletown Robert J Schaffer, Elizabethville

Em-Tram Inc Elizabethtown Theodore Small Chambersburg, H C Gabler, Chambersburg Harold & Betty Wenger, Shippensburg Wit-Lane Farm, Mercersburg E W & J C Brake, Mercersburg, Edgar S Reichard Chambersburg, Glen F Peachey, Petersburg, John G Gilliland Warriors Mark, E James McMath, Shirleysburg

Terry & Jane Branstetter, Tyrone R Wayne Harpster, PA Furnace, Sidney & Margaret Ormsby Tyrone, Harold & Norman Davis, Huntingdon, Willard J Yoder, Huntingdon, S F & Marian Metz, Mifflintown, William Pepples, Mifflintown, Jay Bottom J, Robert Kindig, Conestoga

Dr Alan McCauley Elizabethtown Howard B Weiss Myerstown Larry L Moyer Lebanon Ferndale Farms Lebanon Dale Hostetter, Annville Lester Poust Muncy, Roy Schultz Muncy Larry Stratton Smethport William Bradford Lewistown Freddy Hill Farm Lansdale

Twin Gap Farm Ltd Mt Bethel Keystone Farm Easton K H & T E Boyer & C E & A E Benner Selinsgrove, John Shirey Beavertown Calvin C Fisher, Selinsgrove Lewis Berkley Berlin, North View Farm Berlin Paul D & David P Countryman, Berlin, Bobwood Acres Dushore, Dennis Hottenstein, New Albany

Miller Page Susquehanna Harold Hartt Susquehanna, Elmer W Hoover, Springville, Glenn E Bowen, Wellsboro Clark Bowen & Son Wellsboro Gerald Parker Liberty, William J Smith, Mansfield, Wayne Co Holstein Club Honesdale, Leon Musser, Lewisburg, Sordoni Sterling Farms Inc Harveys Lake

George Mr Knight, Jr Airville Ashcombe Dover Dairy Farm Dover, Paul R King Delta Harold Crider, Chambersburg, Arthur Baxter and Edward Karpa Stoneboro, Otto Brothers Carlisle

The following semen has been donated to sell at the Ag Arena Benefit Sale: from SIRE POWER, INC., Tunkhannock, PA., 10 units of Browncroft Jetson 1721509; from ABS, Deforest, WI, 8 units of S-W-D Valiant 1650414; from SELECT SIRES, Plain City, OH, 5 units of Carlin-M Ivanhoe Bell 1667366; from ATLANTIC, Lancaster, PA, 5 units of Hilltop Apollo Ivanhoe 1399824; 5 units of Romandale Dividend Performer 1427615.

SWINE - Berkshires

D L Grumbine and Sons, Myerstown, Clayton Winebark, Rochester Mills Arlie and Russell Cornbower, New Freedom, Leon Blose, Sykesville Harry Bachman, Annville

Yorkshire

Leon Arnold Lebanon John Henkle, Strasburg Charles Hall Julian, Elwood Houser Lebanon, Joel Stern East Berlin, Calvin H Lazarus and Sons Whitehall, Lois Blose Sykesville, Penn State University

Chester Whits

James T Parlett R2 Airville, Ed Hilderbrand R2 Biglerville

Landrace

Jay Blatt, Annville, Harlan Wessner, R2 New Tripoli, Glen Air Farms Elizabethtown Edgar Wagner, Montgomery

Poland China

Charles E Griest, R1 Abbottstown, Hobart Muller, New Oxford, Clair Hartman Gratz, Calvin H Lazarus and Sons, Whitehall

Duroc

Mark Nestleroth Manheim, Dave Holloway New Freedom, Larry Arnold Lebanon Smith Hog Farm Washington, Calvin H Lazarus and Sons Whitehall Clyde McConaughey Smicksburg Rodger Bankert Hanover

Hampshire

John Strawbridge Stewartstown Charles Bomgardner Annville In lieu of animals Parke and Reno Thomas will give cash

Suffolk

John Kimbark R4 Manheim, Penn State University, Charles D Kier, Monroeton, Donald Gardner Amity, Kelly McConnell and Bob Weaver, R1 Fredericktown, Lynn D Burger, R2 Kunkletown

Dorset

Penn State University, Dr and Mrs Robert Herr, R2 Narvon, Sally and Robert Young R1 Canonsburg, Kenneth Staver R1 Palmyra Wyoming County Sheep and Wool Growers Kelly McConnell and Bob Weaver R1 Fredericktown Mr and Mrs Paul Wissinger Sinking Springs

Cheviot

Lakeview FFA R1 Stoneboro, Calvert Farm Mercer

Hampshire

Mr and Mrs Clyde Brubaker Lancaster, David Sverduk, Dalton, Dirk Wise R2 Spring Mills, Bruce Horning Family, R1 Berlin Larry Shober and Tom Calvert, R1 Berlin

Merino

Charles and Barbara Platt R3 Gettysburg, Calvert Farm, Mercer

Shropshire

Charles and Barbara Platt R3 Gettysburg Shober and Calvert Shrapshires R1 Berlin

Corriedale

W D Chadwick R1 Hooversville

Southdown

Charles and Kay Chapman, R1 Berlin Jeff Calvert R1 Berlin

BEEF CATTLE - Angus

Arbor Hill Farms Staunton VA Bixler Ridge Farm Loysville Devereux Soleil Farm Downingtown ErReR Frms Friedens, Glenair Farms Elizabethtown, Huntingdon Farm, Alexandria, Logan Spring Farm Bellwood, Longmeadow Farm Harrisburg Meadow Mist Farms Loysville Mountain View Angus Farms Halifax

Pat-Ric Farms, Germansville, Penn State University, Univ Park, South Branch Farms, York, Green Pastures Farm, Green Park, Stonylonesome Farm, Stahlstown, Stornoway Farms, Ligonier, Twin Oak Farms, Quarryville

Polled Hereford

Atlantic Breeders Co-op, Lancaster, Dunwalke Farm, Far Hills, NJ, Graystone Farms, Schellsburg Samuel C Hunter Smithsburg MD Penn State University Univ Park Dr & Mrs Frank P Perrone Greensburg Craig Petersen Abbottstown Jerre A Price Harrisonville Spring Bottom Farms Fairfield

Simmental

Good Hope Simmental Landenberg Grandview Farms Waynesburg, Indianhome Farms, Jersey Shore, Langdon Farms Sherwood, MD, Linden Farms LaGrangeville NY Rolling Ridge Farms Karns City, Skytop Farm Port Matilda Halco Simmental Farm, Canton Simpson & Son, Millerstown Graystone Farm, York

Charolais

Bratton Charolais Farms McVeytown, Penn State University Univ Park, Sunny Side Farms Selinsgrove

Limousin

Keystone Limousin Newville Line Limousin Carlisle

Chianina

Galen E Dreibelbis, State College, Jack H Dreibelbis Camp Hill

Belted Galloway

Grandview Farms, Waynesburg, Swatara Springs Farm Harrisburg

Federal budget delays won't disrupt food inspection

HARRISBURG — State Agriculture Secretary Penrose Hallowell assured farmers and consumers that the inspection and movement of food commodities in Pennsylvania will not be disrupted due to present federal budget problems.

In a meeting Monday with personnel from all bureaus in the State Agriculture Department, Hallowell learned what, if any, affect these problems would have on essential food inspection and grading services in the Commonwealth.

He said, "Farmers can be assured that their milk, meat and poultry products and other commodities will be checked by state or federal inspectors so that the products can be shipped to market."

He added, "Consumers should be aware that the State Department of Agriculture is doing everything to make certain, as always, only the safest and highest quality food products are offered for sale in Pennsylvania."

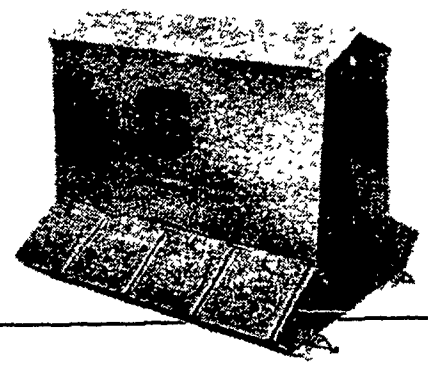
Department personnel, Hallowell noted, are in touch with USDA officials to coordinate the completion of all necessary services.

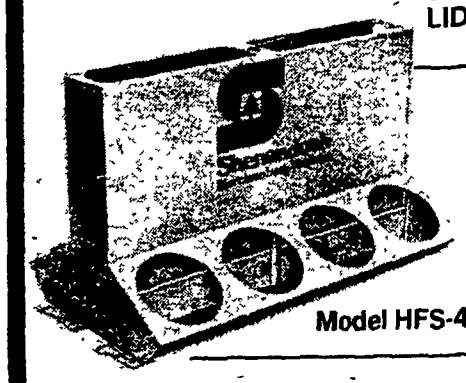
SHENANDOAH HOG FEEDERS

HF-4L GALVANIZED
DOUBLE 4-HOLE
LESS FEED DOORS & LID

Shenandoah

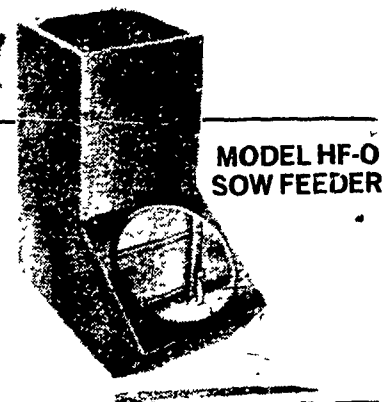
Model HF-4 SHOWN WITH LIDS





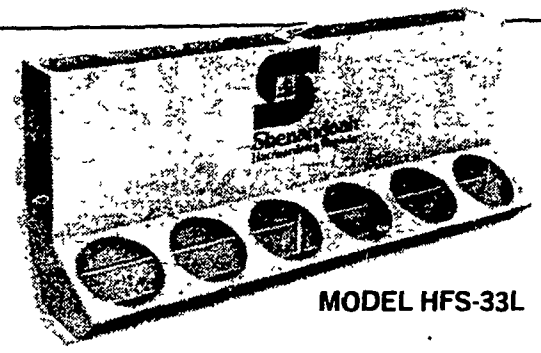
Model HFS-4L

HFS-4L
"STAINLESS STEEL"
DOUBLE 4-HOLE
LESS FEED DOORS & LID

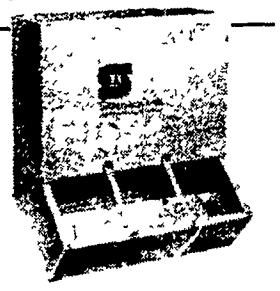


MODEL HF-0 SOW FEEDER

HFS-33L
"STAINLESS STEEL"
6 HOLE
LESS FEED DOORS & LID



MODEL HFS-33L



MODEL SCF-3

Model	Feed Holes	Capacity (approx.)	Length	Width (overall)	Height (overall)	Shipping Weight
HFS-11L	2	2.5 Bu.	24"	18"	32"	47 lbs.
HFS-33L	6	7.5 Bu.	72"	18"	32"	120 lbs.
HFS-4L	8	5 Bu.	48"	28"	32"	117 lbs.

AGRI-EQUIPMENT, INC.

CATTLE - HOG - POULTRY & GRAIN EQUIPMENT
2754 Creek Hill Road, Leola, PA 17540
717-656-4151

These items will be sold at
PUBLIC AUCTION
being held by
FARMERSVILLE EQUIPMENT, INC.
SAT. DEC. 5, 1981
See Sale Listing On Page B-45

VAN WERT
Wet Base Cast Iron
Solid Fuel Boilers

For Wood Or Coal.

Can easily be added to existing hot water system or used as a central heating unit.

Bowman's Stove Shop, Inc.

R.D. 3, Napierville Road
Ephrata, PA 17522
Follow the signs from the Light at Hinkletown

Tues., Wed., Sat. 9-5
Thurs., Fri. 9-9
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717-733-4973
Financing Available
VISA

Berks County DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

October 1981

The following is the Berks County DHIA report for the month of October, 1981 Only those herds averaging 1.5# per day or over are listed

OWNER	BREED	NO. COWS	% DAYS IN MILK	LBS. MILK	% FAT	LBS. FAT
Charles Plushanski	3	104 6	92 4	63 4	3 7	2 33
C & T Kissling	3	62 2	87 1	57 3	3 9	2 25
C & T Kissling	3	63 8	87 8	57 5	3 8	2 19
Bruce D Cammauf	B3	22 1	97 3	56.9	3 6	2.05
Heindel Farms Inc	3	26 6	82 6	47 1	4 2	1 99
Reu Hel Farms Inc	3	41 0	95 9	52 8	3 7	1 94
Junge Farms	3	52 3	91 8	51 6	3 8	1 94
Roy Hoppes	B3	35 5	88 2	49 8	3 8	1 89
Stephen J Janos	3	31 3	84 9	53 0	3 5	1 88
Donald B. Duncan	B3	93 2	91 9	48 4	3 8	1 83
Linden Loch Hols	3	54 0	94.1	49 5	3 7	1 82
Barry Burkholder	B3	47 4	84 6	53 4	3 4	1 80
Mertz Brothers	B3	44 0	89 3	48 0	3 7	1.78
Arlan Krick	B3	71 4	87.5	44 5	4 0	1.77
K. & R. Wolfskill	B3	47 6	88 0	51 8	3 4	1.76
Show Top Farms	3	143 4	89 4	45 1	3 9	1 75
Show Top Farms	3	147 5	90 1	47 2	3 7	1 75
Mark A Wolfskill	3	92 8	82 0	49 7	3 5	1 75
Good Bros	B3	68 6	99.1	52 2	3.4	1 75
Glenn R Harnish	B3	74 7	83 4	47.9	3 6	1 74
Mertz Brothers	B3	44 5	86 1	43 7	4 0	1.73
Richard Bleiler	B3	52 9	86 0	47 7	3 6	1.72
B & K Grimes	B3	62 4	89 4	43 5	4 0	1 72
Wilmer R Martin	3	40 6	75 3	46.4	3 7	1 71
R. & K Sanner	B3	76 3	89 6	50 2	3 4	1 70
Mat Mar Farms Inc.	3	83 3	87 8	45 8	3 7	1.70
David P Williams	G3	39 0	81 6	43 8	3 8	1 68
Win-Dale Farm	4	42 8	90 4	33 8	5 0	1.68
Troutman & Sons	B3	112 1	88 6	48 0	3 5	1 67
Hylark Farm	3	79.8	88 0	43 8	3 8	1 66
H Fenstermaker	3	34 7	93 2	43 2	3 8	1 66
R B Burkholder	B3	40 5	89 1	48 4	3 4	1 66
Bendy Brook Farm	3	47.8	82 1	51.6	3 2	1.66
John H Stump	3	59 5	88 4	42 9	3 8	1 65
Hylark Farm	3	81 8	86 6	42 6	3 9	1 65
Raymond A. Seidel	3	40 3	87 9	46 5	3.5	1.64
C & F. Stricker	B3	53.4	76 9	38.0	4 3	1.64
Ronald L. Richard	3	46 6	100 1	47 0	3.5	1 64
Ernest C. Hoffman	3	55 8	92 5	46.0	3.5	1 63
Swatara Dairy Farm	3	86 4	87 8	40 8	4.0	1.63
Leonard Stoltzfus	3	67 6	84 9	45 4	3 6	1 62
Don Aloan	B3	40 0	84.6	42 4	3 8	1.62
Heindel Farms Inc	1	20 0	83 2	37 7	4 3	1 62
David L Schrack	B3	100 3	89 2	39 7	4 1	1 62
John F Snyder	B3	49 9	91 9	44 3	3 6	1 61
Larry L Mertz	B3	86 9	84 8	41 9	3 8	1 61
Joseph F Walters	B3	67 5	89 7	43 8	3 7	1 61
Jaimore Farm	B3	78 5	84 9	42 7	3 7	1 60
G.S Troutman Jr	B3	70.3	81.5	43.7	3 7	1 60
Mervin Brubaker	B3	68 5	87.7	44.6	3 6	1 59
Ontelynn Acres	B3	108 5	85.8	40.1	4 0	1.59
Robert E Kopler	B3	44 1	94 4	50 3	3 2	1 59
Paul S Ha			80 7			3
Meadow Springs Fm	G3	35 6	85 6	43 5	3 7	1 59
Leonard Stoltzfus	3	100 5	87 5	43.8	3 6	1 58
Marlin Stutzman	B3	55 3	93 2	41 7	3 8	1 58
William C Adams	3	88 0	84 3	41 7	3 8	1 58
Irvin G Weaver	G3	51 0	85 8	44 6	3 5	1 58
John F Snyder	B3	47.4	93 1	44.7	3 5	1 57
John H. Stump	3	62 8	93.8	40 9	3 8	1 57
Frank G Gromlich	3	65 6	87 4	43 8	3.6	1 57
Clarence B Kulp	3	66 0	86 8	39 8	3 9	1 57
Irvin M. Martin	B3	48 0	89 4	46 8	3 4	1 57
David Y Knauer	B3	54 6	82 7	42 9	3 7	1 57
Lester Burkholder	B3	100.5	90 1	46 5	3 4	1 57
Meadow Springs Fm	G3	38 1	86 3	41.6	3 8	1.57
Kenneth Zook	B3	47 4	92 9	50 5	3 1	1.56
Raymond A. Seidel	3	41.7	91 3	43 1	3 6	1.56
Ernest O Miller	B3	195 5	85 6	43 7	3 6	1.56
George E Moyer	3	89.2	87 0	41 9	3 7	1.55
Robert Dreisbach	4	71.8	89 8	35 8	4 3	1.55
Lewis Nolt	B3	56 1	85 6	39 5	3 9	1.55
Kenneth H Wenger	B3	69 7	83 5	42 5	3 6	1.55
Arlan D Davis	B3	30 0	83 3	45 3	3 4	1 54
David L Schrack	B3	100.2	89 2	40 0	3 9	1.54
Wilmer Dreibelbis	B3	50 3	78 4	42 0	3 6	1 53
Ker Min Farms	3	75.5	93 9	40.3	3 8	1 53
C Sattazahn	B3	101 9	89 7	42 9	3 6	1 53
Robert Dreisbach	4	73 5	91.3	34 1	4 5	1 52
Scattered Acres	B3	141 1	78 7	39 2	3 9	1 52
P & T Werley Jr	B3	112 8	82.8	42 3	3 6	1 52
Lester Burkholder	B3	100 1	87.4	42.8	3 6	1 52
Carl E Hollenbach	2	60 4	86 3	34.0	4 4	1 51
Ray E. Bicksler	3	46 0	73.4	36.8	4 1	1 51
Lawrence Kiefter	B3	76 1	83 0	41 3	3 7	1 51
Harry A Lutz	G3	24 0	100 0	38 4	3 9	1 50
Pine Brook Farm	3	100 5	85 7	39 0	3 8	1 50
William Howerter	3	90 4	81 7	45.1	3 3	1 50
Richard Hoffman	B8	63 9	82 4	39.7	3 8	1 50
Daview Farm	3	55 0	81 1	37.7	4 0	1.50
Richard W Hoppes	3	55 5	80 0	40.5	3 7	1 50
William Mitchell	B3	27 1	84 3	45 7	3 3	1 50
Lewis Nolt	B3	56 2	84 4	40 3	3 7	1 50
Wilson Balthaser	B3	77 6	88 0	37 6	4 0	1 50

The following cows produced over 650 lbs of fat or more in 305 days or less

OWNER NAME OR NO.	BREED	AGE	DAYS IN MILK	LBS. MILK	LBS. FAT
Eleanor K Siegfried					
Renee	H	4-7	305	16,503	682
Sparkle	H	2-3	305	17,250	663
Leroy E Howard					
Joan	H	6-8	305	18,861	747
Gigi	H	5-4	305	25,535	896
Sue	H	5 3	305	19,564	753
Sunny	H	4-2	305	18,540	665
Nancy	H	4-4	305	19,847	881
Wiley	H	3-6	305	17,811	652
Jackie	H	3-3	305	21,445	781
Ro Ria Farms					
#250	H	5-1	305	21,991	759
#264	H	5-1	297	15,606	668
#267	H	5-1	305	14,936	671
#292	H	4-4	305	15,940	707
#369	H	3-2	305	16,832	678
#373	H	3-6	305	15,246	655
Show Top Farms					
Pride	H	5 5	305	21,665	741
Florence	H	5-4	305	22,150	810
Bloom	H	4 9	305	20,720	844
Meadow	H	4 4	305	21,058	844
Flora	H	2-1	305	17,848	691
Babette	H	2-2	305	20,694	696
Millie	H	2 6	305	17,865	794
Royalty	H	2-1	305	16,309	705
Symbol	H	5-0	305	21,538	784
Majesty	H	2-1	305	18,397	688
Zahncroft Farm					
Holly	H	6-11	305	19,359	694
Paula	H	4-8	305	25,327	803
Kundra	H	3-2	304	20,136	690
Roger S. Buch					
Alona	H	5-2	305	18,004	676
Cola	H	4-3	305	20,486	708
Dee	H	3-10	305	17,978	661
Reu Hel Farms Inc.					
Natua	H	4-10	305	22,599	787
Gypsy	H	8-8	305	21,374	860
Louis E Moyer					
Rae	H	3-3	305	17,242	657
Vista Grande Farm					
Orla	H	10-1	279	15,291	681
Doris	H	4-8	305	20,493	653
John F Snyder					
Percy	H	5-5	305	16,763	651
Mark A. Wolfskill					
Karen	H	6 2	305	20,841	805
Phoebe	H	6-3	305	23,465	739
Elsie	H	5-4	305	21,301	952
Peggy	H	5-1	305	21,745	814
Cissy	H	2-1	305	22,743	676
Linden Loch Holstein					
#89	H	5-7	305	24,537	776
#200	H	5-8	305	19,067	736
#156	H	3-2	305	23,842	654
Wilmer Dreibelbis					
Phlox	H	5-5	305	22,091	820
Charles W Wagner					
Edie	H	5-10	305	20,490	847
Donald B. Duncan					
#9	H	7-3	305	17,095	652
#45	H	3-10	305	16,038	653
Charles & Tim Kissling					
Nina	H	9-10	243	20,891	770
Star	H	7-3	305	22,556	1006
Margo	H	4-3	305	26,053	906
Gloria	H	3-11	305	28,382	949
Myrtl	H	4-3	305	19,531	910
Erin	H	3-6	305	22,588	760
Jane	H	2-11	305	21,805	776
Kelly	H	2-6	305	18,024	776
Jaclyn	H	2-0	305	20,714	773
Bossie	H	1-10	303	20,237	705
Lucy	H	2-0	305	14,381	670
James H. Adam					
84Elle	H	5-2	305	19,959	833
Donald E. Landis					
#262	H	4-3	305	16,072	680
Ralph & Ken Sanner					
Violet	H	8-1	305	21,841	838

(Turn to Page C10)

Pole Shed & Barn Material Center

PRESSURE TREATED LUMBER

SIZES: • 2x4 • 2x6 • 2x8 • 2x10 • 4x4 • 4x6 • 6x6 • 2x6 T&G

Excellent For:
★ FARM BUILDING ★ PATIO
★ FENCE ★ POLE SHEDS
★ SUNDECK ★ OTHERS

For Low Prices on Roof Trusses
Check with Musselman

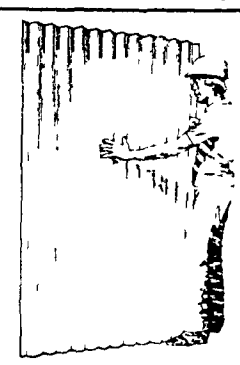
■ 1x8 Barn Siding 6' to 16'
■ 2x8 T&G Yellow Pine Barn Flooring

Large Selection of
LAWRENCE HARDWARE

1 x 6 Rough Cypress Boards for Fence & Gates

• Door Hangers • Bumpers
• Brackets • Stay Rollers
• Track • Latches

EASY-COVER™ by Onduline
FARM ROOFING SALE!



6'7" x 46" Sheet
• 25 Year warranty against leaks
• Four colors in stock

Large Selection of ALL DIMENSION LUMBER

MUSSELMAN LUMBER INC.
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The Lancaster Automobile Club
34 N. PRINCE ST. AAA LANCASTER, PA.
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_____ City or Town • MUST RESIDE IN LANCASTER COUNTY
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Address _____
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This application to be used for NEW MEMBERS ONLY
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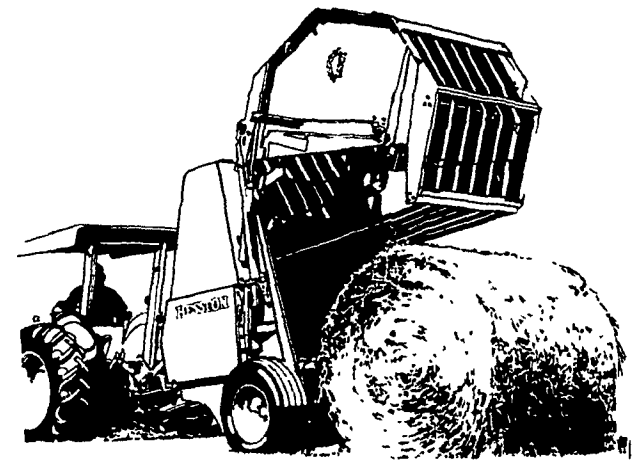

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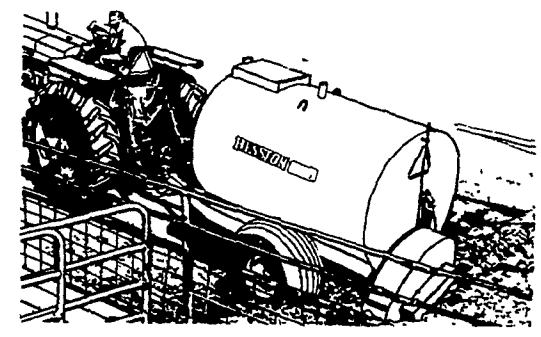

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Deerfield, NJ 08313
609-451-8376

AIRVILLE EQUIPMENT, INC.
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717-862-3358

ANDOVER TRAC & EQUIP., INC.
172 Route 206
Andover, NJ 07821
201-786-5525

BUBB'S FAIRVIEW FARMS
RD 2, Muncy, Pa. 17756
717-546-3258

DONALD L. ERDLEY FARM EQUIP.
RD 1, Lewisburg, PA 17837
717-524-2410
Evenings - 717-524-2408

C & P FULTZ
RD 1, Spring Mills, PA 16875
814-422-8805

PAUL W. HISTAND CO., INC.
697 N. Main Street
Doylestown, PA 18901
215-318-9041

HUTTON FARM EQUIP.
Mahaffey, Pa. 15757
814-277-5504

ICKES FARM SUPPLY
Rural Route 1
Osterburg, PA 16667
814-276-3422

LONGENECKER'S INC.
RD 2, Williamsburg, PA 16693
814-793-3731

MAIDENCREEK FARM SUPPLY
Calcium Road
Blandon, PA 19510
215-926-3851

MARSHALL MACHINERY, INC.
RD 4
Honesdale, PA 18431
717-729-7117

MECKLEY'S GARAGE
Herndon, PA 17830
717-758-3915

MILLER REPAIR SERVICE
R 1 - Box 478
Bird-In-Hand, PA 17505
717-656-9013

CLAIR J. MYERS
RD 1, Thomasville, PA 17364
717-259-0453

NESLEY EQUIPMENT INC.
RD 2
Pottstown, PA 19464
215-469-6391

PIKEVILLE EQUIPMENT INC.
RD 2, Oysterdale Road
Oley, PA 19547
215-987-6277

C. H. RINEHIMER
RD 1
Berwick, PA 18603
717-752-7131

SHOTZBERGER'S EQUIPMENT
Elm, PA 17521
717-665-2141

STANLEY'S FARM SERVICE
RD, Box 46
Klingerstown, PA 17941
717-648-2088

STOLTZFUS FARM SERVICE
Cochranville, PA 19330
215-593-2407

STOUFFER BROS. INC.
1066 Lincoln Way West
Chambersburg, PA 17201
717-263-8424

VERNON E. STUP CO.
5859 Urbana Pk.
Frederick, MD 21071
301-663-3185

UMBERGERS MILL
RD 4
Lebanon, PA 17042
717-867-5161

WERTZ GARAGE
4132 E. Main St.
Lineboro, MD 21088
301-374-2672

ZIMMERMAN'S FARM SERVICE
Bethel, PA 19507
717-933-4114

IVAN J. ZOOK FARM EQUIP.
Star Rt. Box 5
Belleville, PA 17004
717-935-2948

HESSTON
FARM EQUIPMENT

Berks Co. DHIA

(Continued from Page C8)

Sara	H	5-4	305	19,422	698
Nancy	H	5-5	305	18,945	786
Tammy	H	5-6	305	18,380	687
Dolly 2	H	3-1	305	23,262	722
Portia	H	2-10	305	18,293	683
Darlene	H	2-10	305	20,488	744
Neddy	H	2-11	303	17,878	707
Mervin M. Stauffer					
#35	H	4-1	305	20,355	704
Leonard G Stoltzfus					
Brownie	H	9-1	270	19,679	782
Selma	H	8-4	263	20,817	764
Leota	H	7-6	262	17,810	675
Maybell	H	4-3	305	18,627	704
Lani	H	3-3	289	16,759	651
Susanna	H	3-3	305	19,704	778
Helga	H	3-4	292	19,777	706
Bobbie	H	2-8	305	19,804	697
Laveda	H	2-11	305	18,700	652
Mertz Brothers					
Marcia	H	2-9	305	18,641	721
Harold N Miller					
#262	H	5-1	305	15,421	658
Ker Min Farms					
Jessie	H	9-4	305	16,607	672
Faye	H	6-7	305	18,780	683
Lori	H	4-4	305	18,168	754
Pebble	H	2-3	305	18,205	759
William G Howerter					
Spice	H	4-5	305	21,484	850
Goldy	H	4 5	299	18,608	769
Patsy	H	4-11	305	20,795	790
Marie	H	3-3	305	21,068	718
David P Williams					
Lee	H	5-11	305	20,904	796
Charles Plushanski					
Cita	H	7-1	305	21,760	800
Leona	H	6 10	305	23,272	924
Becky	H	6-3	258	17,607	746
Grace	H	3-5	305	23,107	775
Joy	H	2-6	305	22,323	697
Rusula	H	2-2	305	21,835	690
Odella	H	2-9	305	24,478	887
Amy	H	2-2	305	17,259	671
Marlin J Stutzman					
Hazel	H	5 3	305	19,053	715
Swatara Dairy Farm					
#293	H	6-6	305	18,971	735
#2	H	6-3	305	20,261	877
#63	H	4 4	305	16,612	827
#135	H	2 0	305	17,924	723
R C. & C E Wieder					
Zesta	H	3-2	305	19,713	696
Charles D Moyer					
Bell 37	H	8-3	305	18,068	670
Candy48	H	5-2	305	22,873	689
Becky 26	H	0-0	305	20,415	686
John H Stump					
Olive	H	8-4	305	16,439	769
Rozanna	H	7-8	297	19,013	750
Teddi	H	5-2	305	18,598	750
Xanthe	H	4-3	305	22,685	754
Zena	H	4 0	305	20,838	887
Zebada	H	3-11	305	22,933	805
F.M Browns Sons Inc					
#60	H	7-11	305	21,753	803
#49	H	2-0	305	19,212	675
Richard H Hoffman					
#81	BS	7-3	305	17,405	737
Donald M Meyers					
Flossie	H	8 2	305	19,345	685
Sta Lyn	H	4-10	305	20,420	745
Shawn	H	5-0	305	19,006	690
Stephen J. Janos					
Felicia	H	4-0	305	21,425	679
Frosty	H	3-0	305	22,183	712
Sandra	H	2-5	305	19,162	808
Andrew D Stoltzfus					
Doris	H	6-11	305	23,889	859
Royalty	H	5-10	305	27,782	816
Iris 39	H	3-4	305	17,231	663
Annie	H	4-0	305	17,597	752
Minute	H	3-1	305	24,516	684
Faith	H	5-0	305	23,278	1000
Daview Farm					
Blair	H	5-5	305	18,698	713
Dawn	H	3-6	305	18,379	670
Bara	H	5-2	363	24,970	793
William C Adams					
Dawn	H	6-11	305	20,766	707
Tex	H	5-1	305	22,690	854
Peal	H	2-3	305	17,068	671
R.R Troutman & Sons.					
Heidi	H	8-4	290	16,679	667
Shira	H	7-0	305	20,511	811
Lillian	H	5-8	305	18,418	767
Vega	H	5-5	252	15,593	747
Merry	H	7-4	305	17,257	747
Linda	H	3-11	305	24,575	968
Stella	H	3-2	305	15,867	722
Rosa	H	3-2	305	23,470	1020
Larry Mertz					
#3	H	6-3	305	20,586	799
#63	H	5-2	305	20,286	783
#17	H	5-2	305	21,763	781
#53	H	7-1	305	19,421	696
#68	H	3-1	305	17,254	707
#71	H	3-2	305	16,767	689
Mervin Brubaker					
Rosie32	H	4-1	305	20,981	706
Pal 90	H	7-1	287	18,854	699
George E Moyer					
65Butns	H	9-3	305	18,075	766
75 Mindy	H	6 6	305	15,349	679
4Bonta	H	3 7	305	19,515	727
54Karen	H	2-11	305	17,846	715
32Ellie	H	2 5	305	18,349	681
J Merle Stutzman					
Wanda	H	6-5	305	22,927	900
Angelo	H	4-0	305	21,367	705
Robert L Sattazahn					
TopGirl	H	11-10	305	20,408	684
Penny	H	7 0	305	22,505	684
Princes	H	7 0	305	20,456	769
Patches	H	5 2	305	21,791	915
Lyn	H	5 5	305	19,276	695
Dollar	H	4 9	305	18,966	663
Micki	H	2 2	305	17,332	650
Glenn B Gockley					
#13	H	5 5	305	15,972	671
#4	H	5 1	305	18,104	663
#9	H	5 9	305	19,740	796
Pinnacle View Dairy					
Cindy	H	5-11	285	18,765	737
Frank G. Gromlich					
49ER4	H	3-9	305	21,031	774
Robert Sittler					
Tammy	H	3-10	305	18,566	656
Robert C. Dreisbach					
#135	J	6-1	305	15,361	678
#140	J	6-0	305	14,694	711
#227	J	2-11	305	14,945	667
Mat Mar Farms Inc					
#39	H	5-0	305	19,778	815
Clarence B Kulp					
#91	H	6 6	305	19,103	822
#97	H	5-10	305	22,644	838
#2	H	6-10	305	16,416	663
#24	H	2-10	305	17,618	650
Raymond A. Seidel					
Hardy	H	7 3	305	21,368	890
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Jewel	H	3-1	305	17,301	763
Hylark Farm					
#161	H	7-3	305	19,546	673
#168	H	7-2	302	20,342	853
#193	H	6-0	293	19,046	730
#186	H	6 2	305	23,818	786
#201	H	5 4	305	18,200	707
#215	H	4-11	305	14,325	658
Ernest O Miller					
#410	H	6-0	305	20,798	789
#420	H	6-3	305	19,355	657
#513	H	4-10	305	17,690	821
#548	H	4-7	305	22,095	856
#592	H	3-6	297	18,904	702
#632	H	3-1	295	17,161	650
#635	H	3-1	305	17,812	689
#646	H	3-5	305	15,809	717
#684	H	2-3	305	16,872	702
Harold & Geo Schuler					
Ann	H	3-4	291	20,137	676
Grace	H	2-1	305	21,060	675
Richard W Hoppes					
#66A	H	5-2	305	16,474	666
Sheba	H	5-7	305	19,547	944
Harold Fenstermaker					
Ella	H	6-3	305	16,800	719
Meg	H	5-2	305	19,409	832
Lynnacres					
Honey	H	7-2	305	21,772	761
Gretch	H	4-8	305	19,143	667
Bambi	H	3-2	305	18,625	652
Ontelynn Acres					
#98	H	7-11	305	16,635	759
#84	H	2-4	305	19,513	702
Richard A Bleiler					
Melba	H	3 2	305	19,199	793
Scattered Acres Inc					
#51	H	7-6	288	18,280	710
#137	H	6-11	305	18,529	830
#145	H	6-4	305	20,395	736
#68	H	5-1	294	19,616	673
#178	H	4-10	305	21,506	812
#119	H	4-9	305	20,875	807
#108	H	2 11	305	20,364	769
#86	H	2-4	305	20,269	728
#199	H	2-5	305	14,235	666
Arthur D Schlappich					
Faith	H	5 11	305	16,357	660
Adell	H	5-2	305	20,032	731
Raymond B Nolt					
#7	H	11-2	305	19,668	683
#26	H	7 0	305	22,366	794
#46	H	5 11	305	16,150	655
#72	H	3-9	305	19,015	696
Robert F Bowman					
Sandy	H	5-4	305	19,823	715
Velvet	H	3 1	305	19,901	780
Ken & Debra Dietrich					
Jewel	H	3 2	305	18,561	691
R. Bernvell Burkholder					
Star	H	7-9	305	19,896	700
Nickels	H	3-4	299	20,355	752
Bendy Brook Farm					
Nelda	H	4-2	305	19,216	652
Love	H	4 2	305	25,235	802
Chicory	H	3 7	305	19,948	714
E. Daniel Leatherman					
Whitty	H	8 5	305	18,041	661
Gretchn	H	7-2	305	17,206	727
Sprinkl	H	4 6	304	18,482	715
Norman Z Nolt					
Librtey	H	5 5	295	19,869	739
Retland Farm					
#42	H	6 1	304	15,775	662
Phillip Wisser					
Lass	H	4-11	305	19,129	728
Richard L Schrufer					
Mary	H	7-5	305	18,479	714
Irvin M Martin					
#24	H	7 5	292	20,463	811
#39	H	6-1	305	17,810	663
#43	H	4-8	291	16,378	687
#36	H	4-9	305	21,314	830
Roy Hoppes					
Denice	H	4-4	298	17,231	679
David Y Knauer					
Molly	H	8-11	305	17,370	795
Philip & Tom Werley Jr					
#108	H	6-1	298	17,555	679

(Turn to Page C11)

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AND I'LL DELIVER A CHRISTMAS CLUB CHECK TO YOU IN

1982

Put yourself on our Christmas list! Open your high interest Christmas Club now...enjoy the extra cash later!

THE FARMERS NATIONAL BANK OF QUARRYVILLE

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Berks Co. DHIA

(Continued from Page C10)

#79	H	6-3	256	15,875	661
#146	H	4-1	305	21,997	719
Robert E. Kopfer					
#192	H	6-1	305	20,134	842
#4	H	4-1	303	16,406	677
George Stein					
Pam	H	5-1	305	23,695	798
Ronald L. O'Neil					
Donna	H	3-10	289	16,116	659
Adin Oberholtzer					
Goldie	H	11-9	287	14,446	664
Rose	H	9-4	305	17,837	739
Jumbo	H	7-3	305	21,450	820
Keith E. Hertzog					
Stardut	H	6-9	305	23,138	774
Dynasty Holsteins					
#100	H	5-10	305	19,391	766
Lester Burkholder					
#60	H	9-2	305	19,531	733
#3	H	4-1	305	16,605	675
#74	H	3-4	305	20,296	785
#103	H	5-1	305	22,111	762
#87	H	5-0	305	21,689	764
#44	H	5-0	305	16,380	656
Heindel Farms Inc.					
Ada	A	5-4	305	19,448	836
Heindel Farms Inc.					
Benita	H	3-9	282	19,625	771
Lois	H	1-11	305	18,910	674
Misty	H	2-0	304	17,747	682
Harvey C. Krill Jr.					
Queeny	H	8-9	305	22,799	792
Bolly	H	7-7	305	19,637	655
Vicky	H	6-6	305	22,410	749
Ruth	H	5-4	305	20,703	770
Donald Burkholder					
#8	H	8-10	305	20,313	765
#92	H	5-4	305	16,729	668
#83	H	4-2	305	19,595	752
Steven E. Wagner					
#18	H	6-7	305	17,029	679
#23	H	4-7	305	17,828	702
#11	H	6-11	305	16,102	662
Joseph F. Walters					
#18	H	6-10	305	15,540	657
#50	H	6-7	305	16,530	655
#54	H	4-10	305	16,478	656
#38	H	3-10	305	19,302	736
Win-Dale Farm					
Jade	J	4-4	305	14,367	729
Merlin J. Grube					
#21	H	5-1	305	18,575	661
Charles Zimmerman					
Darice	H	7-8	305	16,885	693
Janet-6	H	3-9	305	20,866	677
Alton Rohrbach					
#7C	H	5-6	297	18,871	705
#8A	H	4-7	305	19,631	779
17A	H	2-7	305	17,147	697
Wilson M. Balthaser					
#57	H	6-4	278	15,297	658
#63	H	6-2	298	17,885	729
Arlan Krick					
Julie	H	7-1	284	17,853	725
Cutie	H	3-3	305	17,317	673
Ken & Robin Wolfskill					
#1	H	4-10	289	18,559	701
#48	H	7-0	267	20,823	774
Jaimore Farm					
Sugar	H	7-3	298	20,119	724
Gloria	H	5-7	305	23,462	948
Donna	H	3-7	280	18,112	672
Trudy	H	6-0	305	18,644	655
Glenn R. Harnish					
#52	H	5-8	305	21,798	728
#5	H	3-10	305	23,036	865
#42	H	3-5	283	20,445	794
Wilmer Dreibelbis Jr.					
#11	H	3-6	305	23,681	795
Leon Sensenig					
#30	H	3-3	305	24,058	797
#66	H	4-11	305	18,550	749
Good Bros.					
Toots	H	6-6	305	21,394	743
Goldie	H	5-2	301	19,736	770
Wilmer R. Martin					
Dixie	H	5-2	305	19,386	726
B & K Grimes					
#9	H	3-5	305	24,735	796
#193	H	4-10	305	18,399	820
#452	H	2-6	305	19,032	744
Martin Moyer					
#81	H	5-10	305	20,362	673
#99	H	4-7	305	20,860	741
#106	H	5-5	305	17,343	717
John Newswanger					
#33	H	5-4	305	22,559	772
#39	H	10-4	305	19,895	675
David L. Schrack					
#34	H	3-4	305	18,370	706
Meadow Springs Farm					
#41	H	8-4	305	20,483	747
Blue Mtn Academy					
#381	H	5-1	305	19,275	694
#471	H	2-1	305	17,997	650
Clarence C. Sattazahn					
22Spic	H	5-0	305	18,003	715
Poplar Drive Holstein					
Candy	H	8-9	305	16,192	679
George S. Troutman Jr.					
Toni	H	8-10	305	25,724	718
Redrose	H	9-0	305	22,385	910
Lydia	H	7-9	305	20,160	692
Maude	H	7-11	305	24,251	793
Peep	H	5-9	305	23,423	725
Belinda	H	5-1	294	21,991	794
Yost Brothers					
#68	H	6-5	305	20,296	890
#103	H	4-11	305	17,966	755
#172	H	4-9	305	20,237	753
#22	H	4-5	305	22,436	677
Irvin G. Weaver					
#3	H	3-8	305	19,036	672

JOHN DEERE

USEABLE HORSEPOWER

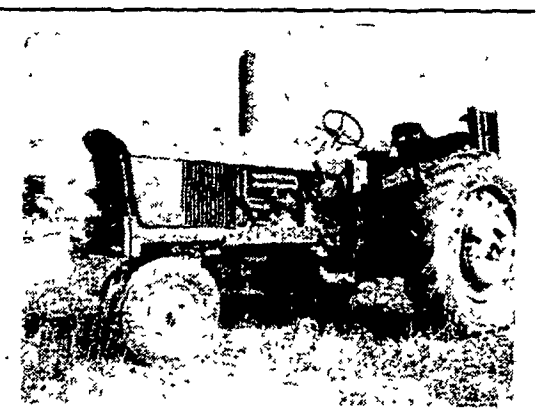
AGWAY

Buy Now...No Payment or Interest Until June 1, 1982*

(*2% For In-Season Waiver)

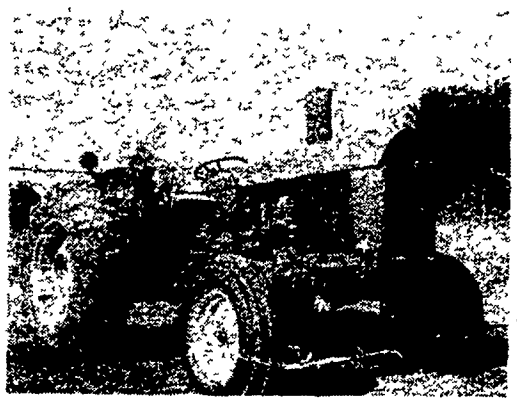
150 HP
1974
JOHN DEERE
4630
POWER SHIFT
2025 Hours...
Ready For The Field

49 HP
1966
JOHN DEERE
2510 GAS
POWER SHIFT
1915 Hours



- JD 520 Tractor - With Loader & Blade
- JD 3010 Tractor - Engine and Trans Job
- JD 4020 Tractor - PS, 5255 Hours
- IH 706 Diesel - Wide Front & Windbreaker

- Oliver 1755 Over & Under Diesel Wide Front, 3006 Hours
- Oliver 1650 Diesel - Wide Front, New Valve Job
- Oliver 1600 Gas - 3308 Hours, Clean Tractor



47 HP
1973
JOHN DEERE
1520
8 Forward, 4 Reverse
2021.5 Hours, Live PTO

156 HP
1974
ALLIS CHALMERS
7050
High & Low Trans
Air, 1526 Hours
Sharp Tractor!

JOHN DEERE

CHAPMAN EQUIPMENT CENTER, INC.

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PGC director plans 1982 retirement

HARRISBURG — The president of the Pennsylvania Game Commission, Robert E. Fasnacht of Ephrata, last Wednesday announced the planned retirement of the agency's chief executive officer.

Glenn L. Bowers, who has served as the Commission's executive director for the past 16 years, says he wants to retire at the end of 1982, and is making his intention known early so the Commission will have adequate time to find a successor.

President Fasnacht, in making the announcement, stated, "Bowers' willingness to confide his plans so soon should provide the Commission's search committee an opportunity to find a qualified replacement — a challenging task that won't be easily accomplished. Glenn Bowers is a professional wildlife manager and an outstanding administrator, and he's going to be difficult to replace."

Fasnacht went on to say that he wanted to assure Pennsylvania sportsmen that the Game Commission will search diligently in an effort to find the most qualified individual to head the Commonwealth wildlife resource management agency.

Bowers, a native of York County, joined the Game Commission in 1948. He's served as a biologist, chief of the Division of Research, and was deputy executive director before assuming the agency's top position in 1965.

FmHA announces start of new family farmer program

HARRISBURG, PA. — D. Elmer Hawbaker, Pennsylvania State Director of the Farmers Home Administration, an agency of the United States Department of Agriculture, has announced that Pennsylvania was selected by Secretary of Agriculture John R. Block as one of ten pilot states for the implementation of a new trial program whose purpose is to assist eligible part-time and beginning family farmers who indicate the desire and demonstrate the ability to be successful full-time farm operators.

New farmers are needed to replace the retiring generation and other agricultural producers who discontinue their operation. The aim of the project is to ensure that the full array of USDA and other private and public resources are made available to participants in the project.

"In other words," Hawbaker stated, "we want new full-time farmer participants to get off to the right start by preparing sound management plans, consulting with local public and private agriculture experts and responding to annual reviews of progress by a local Development Committee." It is anticipated that those participants in the program will receive their initial credit through the Farmers Home Administraiton, but will be required to graduate to Farm Credit System or other commercial credit within 5 to 10 years.

The new project is entitled, "New Full-Time Family Farmer and Rancher Development Project". Within Pennsylvania, the following ten counties were chosen for a one year trial implementatin of the program: Berks, Bradford, Centre, Columbia, Crawford, Franklin, Huntingdon, Lancaster, Somerset and York.

If the program proves successful in the pilot states, it is anticipated that the program will be made available throughout the entire country. New Full-Time Farmer and Rancher Development Committees will be established in each of the pilot counties. These committees will receive recommendations of candidates for the project, review their proposals, evaluate their resources, and assist them in the preparation of annual and long-range farm plans.

Members of the local (county) Development Committee will be farmers currently serving on committees, or in some other manner assisting in the local administration of programs of the local USDA agencies. Local professionals employed by or representing each of the USDA agencies will assist the new farmers and the Development Committee. The local Development Committees will also include private sector representation from farm organizations, farm lending institutions, vocational agriculture, Future Farmers of America, and other groups as determined locally.

Once the Development Committees are set up, they will recruit volunteers from knowledgeable active and retired farmers who will act as guidance counselors and provide direct, on-site farm management assistance to each farmer participating in the project.

Through the close guidance provided by the counselors assigned to each farmer participant and services provided by the various USDA agencies. It is hoped that farm participants can be afforded the maximum opportunity to become well established, productive members of the agricultural community.

Anyone seeking information on this program may contact the local Farmers Home Administration office.

MAES director is N.E. Experiment Station chairman

COLLEGE PARK, Md. — W. Lamar Harris, director of the Maryland Agricultural Experiment Station, has been named chairman of the Northeast Association of Agricultural Experiment Station Directors.

Named by fellow directors in 11 other states and the District of Columbia, Harris, 50, will oversee the planning and coordination of agricultural research on the state level in the U.S. Northeast.

Harris also will continue his duties as director of MAES, a position he has held since 1976.

As chairman of the U.S. Northeast regional group, Harris will work with the chairmen of the North Central, Southern and Western regions in developing state-level research priorities across the country for U.S. agriculture.

Nearly 60 percent of all public supported agricultural research is carried out at the state level through state Agricultural Experiment Stations.

"This new leadership position will allow Maryland to make a significant contribution toward a number of major research decisions that will serve the national interest," said Harris, noting Maryland now is ranked seventh in the nation in terms of cash farm receipts per unit of land area.

"These forthcoming decisions made by state Agricultural Experiment Stations will determine how well we handle tomorrow's challenges of feeding increased populations, keeping food prices relatively low and contributing to the nation's balance of trade payments," Harris added.

A native of Taylorsville, Ga., Harris received his doctorate degree from Michigan State in 1960, is a veteran of the U.S. Army Crops of Engineers and is the former chairman of the University of Maryland's Department of Agricultural Engineering.

He is a member of a number of professional orgaizations, including the American Society of Agricultural Engineers, and has served on or chaired a variety of regional and national agricultural-related committees.

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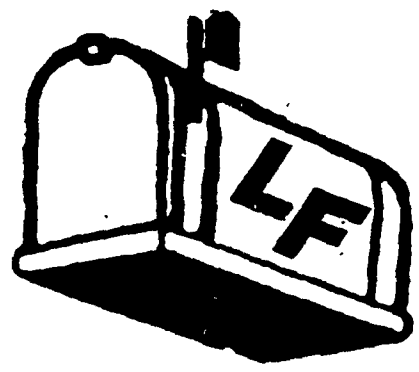

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Tag cold storage deer

HARRISBURG — Hunters are reminded that deer left in cold storage or processing plants must be tagged.

The official tag provided as a part of the hunting license should clearly show the county from which the deer was taken, as well as other information asked for, and the tag should be attached and remain attached to the deer head, rather than the carcass. A separate tag provided by the hunter or processor should be placed on the carcass.

Deer heads are collected during and following the season and are examined and aged by Game Commission personnel. The information gathered is critical in the formation of the Pennsylvnaia Game Commission's deer management program.

Deer hunters should give camp locations

HARRISBURG — Deer hunters planning trips to mountain camps are urged to leave information concerning their destinations with families before departure.

The name or camp number, or a nearby road, stream, mountain, valley or intersection, and nearby telephone numbers, can be helpful to officers trying to locate a hunter during an emergency. Hunters also might post their names and addresses on doors at camps.

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Predator program changes disappoint livestock industry

WASHINGTON, D.C. — Officials of the Domestic Livestock Industry said that changes in the predator control program announced last Thursday by the Department of the Interior were, "too little and too late".

"Interior's announcement is so vague and so minimal," said Don Meike, chairman of the National Wool Growers Association, "that to say we are terribly disappointed is an understatement. The Interior Department has worked nine months on making these changes and they came up with next to nothing; certainly there is no evidence that a commitment has been made to live up to their responsibility to control livestock predation and reduce coyote populations that now are even threatening the lives and well being of Americans in cities and rural areas."

Jim Barron, the National Cattlemen's Association Animal Damage Control Committee Chairman said that the announcement fell, "far short", of what the livestock industry recommended as necessary to alleviate the heavy livestock losses and increase consumer prices caused by predation. "It would certainly appear that the changes are inadequate," Barron said. "Use of the toxic collar is of limited value and we are not sure what Interior's policy on denning under restricted circumstances really means, if it is anything new. At the same time, we don't see what limited tests on other 1080 delivery systems will prove that hasn't already been proven.

"In the meantime, coyote populations are exploding throughout the West and now even in the Midwest and East, and the livestock industry continues to lose hundreds of millions of dollars unnecessarily. Unfortunately, the coyote has nothing to tear by this new announcement."

The announcement at a Capitol Hill news conference yesterday by U.S. Fish and Wildlife Director, Robert A. Jantzen, stated that the Interior Department had requested the Environmental Protection Agency to register the toxicant chemical compound 1080 for use in sheep collars, which are fitted on a sheep so that the animal biting the sheep's neck receives a lethal dose of the poison.

Jantzen also said that his agency was preparing an application to EPA for a limited experimental use permit to conduct field trials of 1080 and other delivery systems and was revising the policy on denning so that it might be used as a controled method in restricted circumstances. In addition, the Fish and Wildlife Director said he plans to recommend that EPA motify 10 of the 26 existing restrictions on the "M-44", a baited, spring activated device to kill coyotes.

Officials of the livestock industry are particularly distraught over the announcement because, Meike said, "even if fully implemented, the changes as announced yesterday by the agency mean that the controlled program would revert to the 1979 production level, when controls were inadequate and losses were high, plus there would be fewer government dollars available.

Further research on 1080 is unnecessary, livestock officials contend, because there is sufficient research already available to support the re-registration of compound 1080 and to insure its safety in application. Livestock officials expected the Department of Interior to rescind the 1972 Executive Order of President Nixon which banned the use of the toxicant on the public lands.

"Instead," Meike said, "we are now looking at least another two years of delay while more unneeded research is conducted. In the meantime, more livestock operators will be forced from business, consumer prices will rise for meat, and the public safety of citizens in areas of coyote predation will continue to remain in severe jeopardy."

"The ban on 1080 must be lifted immediately, "Tye Moore, president of the Public Lands Council said. "The Department of the Interior must take its responsibility seriously and move quickly to put in place a program that will legitimately work, protect livestock, and end the horrible and uncontrolled reign of scavenging and dangerous predators.

Migrants may have cash, medical assistance coming

HARRISBURG — The Department of Public Welfare said last Friday that, since October 15, 1979, some people , including migrant workers, may have been erroneously denied cash assistance and/or medical assistance on grounds they were not residents of Pennsylvania.

John C. Cuddy, Acting Deputy Secretary for Income Maintenance, explained that on October 15, 1979 the federal government amended regulations governing the administration of the Aid to Families with Dependent Children Program and Medical Assistance Program. The amendment granted medical and cash assistance benefits to individuals who, because their work required travel from state to state, were not considered Pennsylvania residents but were otherwise eligible for benefits.

"Those persons now are considered residents, regardless of the time spent in Pennsylvania, if they entered the State with either a job commitment or for the purpose of seeking employment," Cuddy said.

He said persons who are still currently eligible for benefits and who were denied either cash assistance or Medical Assistance at any time since October 15, 1979 on grounds they were not state residents, should contact their local county assistance office for a re-evaluation of their circumstances.

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AC TRACTORS - 180D; D-17G; (2) 45D-G WFE & PS, (2) C-A WFE and Cultivators, (2) D-10's, (2) C; AC used tractors and parts; motor block for D-15, B, Bearcat Grinder-Mixer, Owatonna #470 Grinder-Mixer for hay, NH 200 bu. single beater spreader. Lancaster Co. 717-733-8708.

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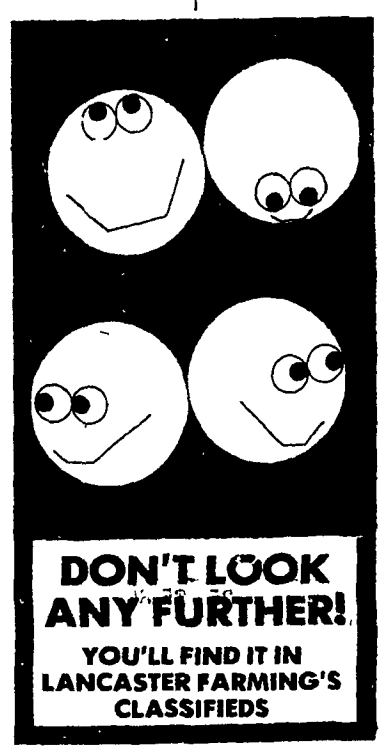

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RAYMOND B. LEAMAN
Willow Street RD 1, Ph: Lancaster 464-2778
Midway between Lancaster & Quarryville
off Rt. 222 take Brenneman Road
at Graybill Bros. Garage, Refton

NEW EQUIPMENT

See the New Gehl
Skid Steer Loaders
* Model 3510
* Model 4600 Diesel

Wood or Fiberglass
Calf Hutches
Available

Hesston Model 1520
200 gallon
Manure Spreader

Gehl 7200 Flail Chopper

NI #456 Round Baler (Demo)

In Stock
Tye Pull Type Pasture Pleaser A conveniently sized tool for minimum tillage seeding of legumes, grasses, small grains or soybeans in stubble sod, permanent or improved pasture.

SPECIAL
$195.00
While Supply Lasts
16" Partner Chain Saws w/case & 4 cans 2 cycle oil

USED EQUIPMENT

USED NI SPREADERS
12 A Ground Drive
(3) #212-146 bu.
(5) #213-176 bu.
(4) #214-206 bu.
(1) #218-300 bu. w/top beater & hyd. gate

USED SPREADERS
(1) IH 275 bu. tandem axle
(1) MF 160 bu.
(1) NH #510 165 bu.
(1) NH #365 tank, left hand unload
(1) Cobey 130 bu. like new
(1) 213 w/top btr. & Hyd. gate, very good cond.

New Wic
Straw Choppers

New Ber-Vac
3 pt. 2 stage Blower
Special Price
Big Capacity

See The New Wickless Blue Kerosene Heater We have them in stock

USED EQUIPMENT
12500 KW Transport Generator $495.00
Oliver Super 77 Tractor
28' King Wyse Elevator with motor
NI #198 60' 8" Transport PTO-Auger
JD #15 Flail Chopper
Owatonna 120 bu. Grinder-Mixer
NI 325 NR Picker w/329 Super Sheller
JD 3800, 1000 RPM PTO Harvester w/2RN Corn Head and Hay Pickup
Ford 3 pt. 9 Tooth Chisel Plow w/gauge wheels
Brillion 3 pt. 11 Tooth Chisel Plow, like new
Gehl #72 6' Flail Chopper w/new Flails

Danhuser 3 pt. Log Splitters

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MF 1105 tractor, cab, air, very low hours, like new. 717-624-7466

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1968 IH 656 tractor w/hydrostatic trans. wide and tricycle front ends, 2000 loader w/forks, materials bucket, large snow bucket and tire chains, exc. cond $6,795. 717-569-7091 days, 898-8644 evenings.

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1975 C-60 Chevy dump, 16' body, metal grain sides, 30,000 orig. miles, $10,000 or best offer, 12' Hutchmaster off-set disc, exc. cond., $4500; cinder-lime spreader, self-propelled, good, $1000, 16' McConnell harrow fold-up transport type, $1200. Luzerne Co 717-256-3003

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TAPER BOARD FEEDERS
BELT FEEDERS

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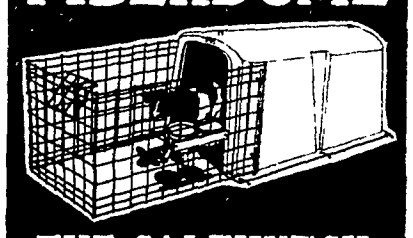

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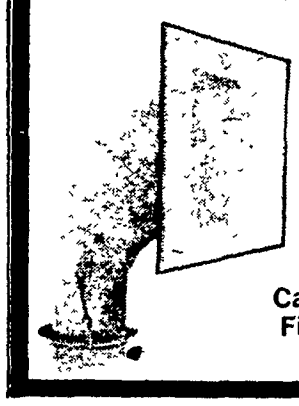

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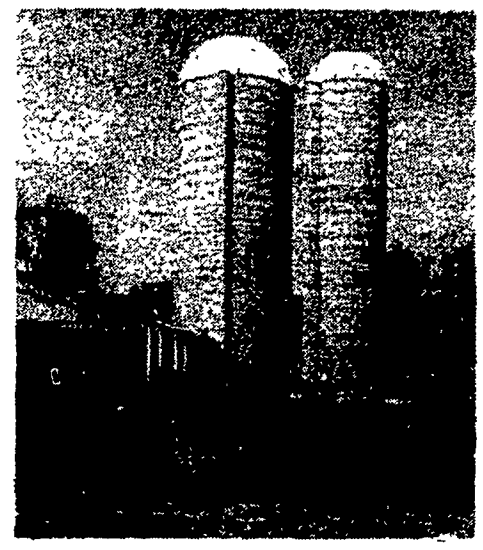

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FARM EQUIPMENT

Wanted - Old fashioned 1 row potato plow. 215-287-7878.

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For liquid manure and waste water, pump only or w/gas engine

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- Rhino Rock Flex Disc
- 18' Amco Hyd. Wing Rock Flex Disc
- 13' 245 Bush Hog Offset 26" Disc
- 14' 1439 Bush Hog Disc
- 12' Glenco Soil Finisher

NEW EQUIPMENT
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- Allen 20' Hyd. Rakes

USED TRACTORS
- White 2-70 w/Cab & Loader
- Oliver 1850 D
- JD 2510 Gas
- Ferguson 20 w/Sauder loader

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FIELD QUEEN SIDE DUMP, Cat Engine, 3 Row Head & Pickup

NH 1895 Forage Harvester, 4 Wheel Drive, 3 Row Auger Head and Pickup, 283 hours Excellent

- NI 702 Diesel Un
- NH 890 3R & Pk. Up.
- Gehl Recutter Blower
- IH 715 Combine, 13' grain & 3 Row Corn Head
- Fox 3310

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- NI 218
- NI 214 & 213

USED EQUIPMENT
- 12' Brady Shredder
- MF 7B 880 Reset Plow
- Ditch Witch Trencher
- 20.8x38 Snap-on Duals
- Hesston 4800 Big Square Baler
- Fg. Wagons, J.D., AC, Grove, NH, Dion
- Hesston Stackhand 10 & 30
- Fox Blower
- NI 728 4RN Head
- Gehl 6' Rotary
- JD 7' Rotary
- White 5400 6R No-Till Pltr.
- IH Cyclo 500 8 Row No-Till Planter
- AC 5R Liquid Planter w/No-Till
- AC 15' heavy duty Sgl. Fold Disc
- JD 28 Disc Harrow
- NI 323 1R Picker
- Hesston PT10 Windrower
- NH 479 Haybine
- NI 272 Cut/ditioner
- Hesston 320 SP Windrower
- Hesston 1014 Hydro Swing Windrower
- SS9 Glencoe Soil Saver
- NI 710 Combine
- Hawk Bilt 2155 Roll Top
- Better-Bilt Hi-pressure Vac. Pump
- Kools Recutter Blower

STOLTZFUS FARM SERVICE

Cochranville, Pa.
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SAME Leyland Tractors
AVCO NEW IDEA

FOR SALE
- Leyland Model 384 tractor, 79 PTO HP, rebuilt engine, 300 hours on tires, good cond. $3950 (SOLD)
- (2) 20.8x38 8 ply Pierlli radial tires. New $990 each.
- Brillion 11' packer exc. cond., $890
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- NI 214-217 spreader w/hyd. gate, Graetz chain, 9 mo. old, exc. condition, $3085
- NI mod. 200 PTO spreader, nice cond. $765
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- Danuser model BMBH front mounted post driver, exc. cond. $925

HEISEY FARM EQUIPMENT, INC.
RD 1 Jonestown, PA
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NEW EQUIPMENT IN STOCK
- JD 850 22 h.p.
- JD 2440
- JD 294(SOLD)
- JD 404(SOLD) Q.R.
- JD 4240 Fenders only
- JD 4240 Cab, Quad
- JD 4440 Cab Q.F(SOLD)ls
- JD 46(SOLD)
- JD 25 Combine Header Transport
- JD 7720 Com (SOLD)
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- JD 653A Bean Head
- (2) JD 216 Flex Platform
- (2) 7000 6R Conv. Pltr.
- (6) JD 7000 6R Reg. Pltr.
- JD 7000 12R Planter Ft. Fold
- JD 7000 4RW Planter
- JD 7000 4R Consv.
- JD 3960 Fg. Harvester
- JD 510 Round Baler
- JD 347 Baler
- JD 1209 Mower Cond.
- JD 215 11'5" Disc
- JD 215 12'10" Disc
- JD 235 17'1" Disc
- JD 235 19'11" Disc
- JD 235 21'4" Disc
- JD 331 24'2" Disc
- JD 2600 5x16 Plow
- JD F45 2x14 Plow
- JD 9' 534 Bulldo: (SOLD)e
- JD 75 Loader
- JD 415 Rotary Hoe
- 3-JD 606 Rotary Cutters
- JD 609 Rotary Cutter
- JD 1008 Rotary Cutter
- JD 65, 95, 115, Blades
- JD 145, 146, 168, 260 Loaders
- JD 272 Rotary Mower
- Woods 214 Mower
- Woods Center Mtd. Mower for JD 650
- Woods RM59 5' 3 pt. Mower
- Brillion 25' folding packer
- (2) Brillion 6R Cultivators
- (2) JD 1065 Wagons
- JD 1075 Wagon
- JD 716 Fg. Wagon
- JD 90 Skid Steer Loader

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Cecilton, Md. 21913
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Evenings & Weekends
Call Gary (301) 885-2248

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DEUTZ

USED TRACTORS & EQUIPT. IN STOCK
- Massey Ferguson MF2675 w/cab, 100 h p, 24 speed trans. Spl. price cash $20,000 00
- D4006 price $4800 00
- IHC 504 - gas, good condition $2500 00
- Ford 8N - $1,650 00
- 1 pair 20 8x38 tires - Goodyear power torque

NEW TRACTORS & EQUIPT. IN STOCK
- D6807 Deutz Tractor, 68 h p.
- D6206 Deutz Tractor, 61 h.p.
- D5207 Deutz Tractor, 52 h p.
- D4507 Deutz Tractor, 45 h p, Low Hours
- DX 120 Deutz Tractor, 110 h p.
- DX 120A Deutz tractor, 4WD, 110 h.p.
- Custom-built diesel Gen-Sets made to order
- New & Used Deutz diesel engines at special prices Call for details
- New Deutz F2L-912 diesel engines 20-32 H.P. electric start.

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New Holland, PA
PHONE 717-354-4181

NEW EQUIPMENT
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- JD 2940 Dsl. w/FWhD
- JD 4440 Dsl. w/Duals
- JD 30" 3R Corn head $4595
- JD 30" 2R Corn Head $2495
- JD 1380 Mower Cond. $8995
- JD 506 Gyamor Mower $700
- JD 1440 Planter w/80 units $4500
- JD 78 Rear Blade 7' $410
- JD 2420 SP Windrower $23,475
- JD 534 Dozer Blade $2635
- JD 3960 Harvester $9965
- JD 1250 3B 16" Plow $1320
- JD 1608 Chisel Plow $1700.
- JD F950 12' Roller Harrow $3950
- JD 567 Wheel Rake $1275
- JD 445 Spreader $4000
- JD 465 Spreader $4300
- JD 450 Spreader $5645
- JD 680 Spreader $8200
- JD 336 Baler w/Kicker $6750
- JD 235 Disc Harrow 19'11" $11,800

USED EQUIPMENT
- JD 3R 30" Corn Head $2895
- JD 1R Corn head $650
- Hesston PT10 Mower Conditioner $1695
- NI 325 picker w/super sheller $5995
- JD 344 3R 40" Corn Head $2495
- Woods MC80 mower $895
- Woods C114 mower $1495
- JD 24T Baler w/kicker
- JD 38 & 3800 Harvesters
- JD 4B F125 Plow
- JD 5B 1450 Plow
- JD AW 9'10" Disk
- JD 494 4R Plate Planter
- IH 6R Air Planter w/dry fert.
- IH #56 4R Planter
- Farmhand Loader to fit JD 1010 & 2010
- Brillion 9' Packer

WENGER IMPLEMENT, INC.
The Buck, PA
717-284-4141

COMBINES
- NH TR-75

Pay New Holland what we owe and it's yours.
- NH 985 4R Narrow
- Gleaner E 2 row
- John Deere 45
- Massey 82

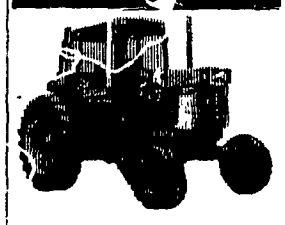
GRINDER MIXERS
- NH 350
- NH 352
- JD 400

SHEETS BROS.
New Holland, White
1061 Carlisle St.
Hanover, Penna.
717-632-3660

TRACTORS
- Ford 8000 w/dual wheels
- Ford 7700 Dual Power
- Ford 5000 D 8 Speed Dual Power
- Ford 4500 w/Loader & Hoe
- Ford 2600 Gas, PS
- Ford 2000 w/blade
- MF 235 G, PS
- Ford NAA 12 Speed
- Ford 4000 w/Loader
- Ford 801 D w/power steering
- Ford 9N w/Loader
- IH 666 D WFE
- IH 504 G, 3 pt.
- IH 330 w/fast hitch
- IH Cub w/mower
- IH M w/loader
- AC 5040
- AC 160D
- AC D17 G
- Case 630 w/PS
- MF 135 G Live PTO
- MF 135D, 8 speed
- MF 65 G, PS
- JD 3020 D WFE
- JD 730 D 3 pt.
- JD A w/cultivators
- Satoh w/Woods mower

EQUIPMENT
- Woods C80 Mower
- Ford 532 Baler
- Ford 3 pt. Rake
- Ford 501 Mower
- NI cut/ditioner
- MC Flail Chopper
- NH Flail Chopper
- IHC 13 Disc Drill

KELLER'S FARM MACHINERY, INC.
116 Richlandtown Pike
Quakertown, PA 18951
215-536-4046



FALL CLEARANCE
NEW TRACTORS
- 3288
- 786
- 884 R/C
- 584 R/C
- 584 Utility
- 384
- 284D 4 wd
- 284 w/Woods mower 72"
- 184 2/Woods mower

NEW EQUIPMENT
- IH 80 Snowblower 3 pt. hookup
- Tractor Snowblowers for 185
- 4140 Skid loader
- 720 automatic 5x18 btm. plow
- 570 5x18
- 450 3x16
- 420 3x16
- 475 11 ft. 6"
- 350 10 ft. 3"

USED EQUIPMENT
- Farmall 1066 w/cab
- 512 NH spreader w/hyd endgate
- 510 plow 5 bottom, 16", $1500
- 475 11' disc harrow

LAMB'S FARM MACHINERY
Thorndale, PA
Phone 215-269-2676

FARM EQUIPMENT

JD 1530 diesel tractor, very good condition, only 1400 hrs., $6800 717-532-7054

For Sale - 8' Brillion alfalfa packer seeder, (good shape) NI E-Z Flow Lime Spreder, IHC foot hitch w/bottom 14" plow (new bottoms). 717 687-6553 or 717-687 8021

For Sale - Cub Low Boy late model, yellow and white, one owner, turf tires, 5' hammerknife mower and snowblade Phone 717-687-6553 or 717-687-8021

Hydra Fold Auger Inc - 6" or 8" gravity box auger, truck auger, grain bin drive unloading unit, little red toy wagon 149 N Market St, Paxton IL 60957. 217-379-2614

MF
SPERRY NEW HOLLAND

Moridge Grain Dryer
275 Bushel
-Call for price

USED EQUIPMENT
- Case 5-16 Auto. reset semi-mounted plow
- MF 74 Plow 3-14
- MF 74 Plow 4-14
- Pittsburgh Disk, 8' pull type
- JD Hoe Drill
- Ontario Disc Drill
- IHC 10' Disc
- IH 13 Disc Drill
- MF 8' Rear Blade
- Starline Tank Spreader
- NH 518 Manure Spreader
- Gehl 2600 Skid Loader, 400 hrs.
- IH 550 Forage Harvester w/2 Heads
- Large selection of used balers and haybines

COMBINES
- MF 300 Combine w/Cab, Q.A., 2-row corn & 10' grain table
- JD #45 Combine w/2 heads

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Pitman, PA
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Hundreds of Wheel and Crawler Tractors. Ford 7000, 8000, 9000, 6000, 5000, 4000, Jubilee, 8N and 800. JD 4020, 4010, 3020, 2010 Farmall 1468, 2606, 1206, 806, 856, 706, 656, 544, 460, 400, 300, 240, MHA Cub and C MF 1130, 1100, 1080, 180, 165, 90 AC 190XT, 190, D19, D17, D14, CA B G loader Oliver 1955, 1850, 1800, 1650, 2150 Case 1030, 930, 830, 800 Deutz 10006, 5505, 5005. Moline, David Brown and Cockshut, tractors w/loaders, backhoes, skid loaders, pay loaders, forklifts, trenches, rollers, road grader, stone rakes, snow plows and blowers, rotovators, large selection of mounted pull and rollover plows, cultimulchers, cultipackers, disc harrows, chisel plows, PTO and ground drive spreaders, roller mill w/mixer, field cultivators, corn shellers, lots of 3 pt equipment, 5020 JD tractor only $6900, 445 Long 4 wheel drive tractor. D9G Caterpillar w/blade for pan, hundreds of tractors and plenty of other equipment not listed

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Starline silage unloader for 18' diameter silo Best offer 215-679-2848 Lehigh Co

Farm tires and tubes, fronts, rears and implements, low, low prices, Eddie's Tire Outlet, Willow Street, PA 717-464-5008 or Chambersburg, PA 717-263-0013

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- CASE 1030 Comfort King Diesel
- OLIVER 770 Gas
- OLIVER 1755 Dsl., completely rebuilt
- OLIVER 1850 Dsl., 3 speed
- MASSEY HARRIS Triple 44 w/Power Steering and Live PTO, all original
- MASSEY FERGUSON 175 Dsl w/loader
- FORD 8N w/Wood Saw
- FORD 3000 Dsl.
- FORD 5000 Dsl.
- IHC 856 Dsl.
- JOHN DEERE 4020 PS, Side Console (SOLD)

EQUIPMENT
- (2) Extra nice used 1 r NI corn pickers

NORMAN R. SHORES TRACTOR
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No Sunday Sales

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Chisholm Ryder snap bean harvesters w/hydraulic dump wagons, reconditioned and painted, 609-769 3183

Old two cylinder John Deere fly wheels rebuilt with our patented steel draw- in hub which has the ability to tighten up on new or worn crank shafts Also available new manufactured unbreakable fly wheels Allen Machine Works, RD #7, Jonesboro, Tenn 37699, 615-753-5738 day or night

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2520 JD, wide front, exc shape 814-793-4293

MF
Massey Ferguson

USED EQUIPMENT
- MF 510 Diesel Combine w/MF 44 Cornhead
- Farmall Super C
- JD "A" Tractor
- MF 35 Tractor
- MF 1105 Tractor
- JD TO 100 Disc
- Grain Drills
- Oliver 3241 Plow
- MF 74 Plow
- JD "A" 0045 Plow
- NI 214 Spreader

NEW EQUIPMENT
- MF 184-4 Tractor
- MF 4880 Tractor
- MF 30B Tractor Loader
- MF 220-4 Tractor
- MF 230 Tractor
- MF 2675 Tractor
- MF 2705 Tractor
- MF 1050 Grinder Mixer
- MF 860 Combine
- MF 880 Plow
- NI 323 Pickers
- NI Manure Spreaders
- Bearcat For. Harvester

N.H. FLICKER & SONS, INC.
Box 68
Maxatawny, PA 19538
215-683-7252

NEW EQUIPMENT
- IH 986 Tractor
- #10 flail chopper $3700
- Woods rotary cutter, 6' $900
- Winco 25 KW generator w/trailer $1850
- Bush Hog 5' chisel plow $800

USED EQUIPMENT
- Ferguson tractor
- Farmall A tractor
- AC gleaner combine model CII 14' grain & 4 row corn head $7500
- IH 674 diesel
- IH 574 diesel utility, low hrs. $7300
- IH 544 gas hydro, new engine $5800
- NH 469 haybine $2400
- IH 400 cyclo planter $3000
- Oliver 5F 16" plow $1150
- Oliver trail plow, 3f trip, $300
- 1 NH 68 baler w/thrower $800
- Sheller for NI picker $600
- IH 234 corn picker
- NI manure spreader $500
- 72" Woods under mount mower $500
- 2- IH 990 mower conditioner, $1975
- IH 234 sheller attachment $1325
- Kelly loader $400
- 2 IH 550 forage harvester hay & corn head $2700
- IH 540 furrow plow, $1100
- Brillion cultipacker, like new $950
- 2000 loader

DOMBACH EQUIPMENT
McAlisterville, Pa.

FARM EQUIPMENT

JD 530, new paint, exc cond 814 793-4293

NI 325-326, 8 roll narrow row corn picker
NI 737 Husking Unit
AC F440 Corn Head
NI 744N Corn Head
AC 7000 Tractor
AC 5040 Tractor
AC 170 Gas Tractor
AC D17 Gas Tractor
NI 702 Diesel Power Unit

ROY H. BUCH INC.
Ephrata
717-859-2441

TRACTORS

- Case VAC
- Case 930 Tractor CK
- Case 430
- David Brown 990 w Loader
- 990 David Brown
- White 2 105 Tractor
- AC 175D Tractor
- AC B Tractor
- C Farmall tractor with Cultivator Corn planter & Snowplow

LOADERS

- Case 1537 Skid Loader
- Case 450 Crawler Loader
- Case 450 Crawler Dozer
- 1845 Diesel Uni Loader

TILLAGE

- Case Disc Harrow, 10
- MF 12 Ft Spring Tooth Harrow
- Oliver 2 Bot Trailer Plows
- JD 10 Cultipacker
- Used Cultipacker
- Brady Chisel Plow

HARVESTING EQUIPMENT

- Gehl 600 Harvester 2 Row Cornhead and Pickup Head
- NI Unisystem 701 Tractor
- NI Unisystem 702 Tractor 710 Combine & 760 Harvester
- NI 727 Husking Bed
- NI 323 1-Row Corn-picker
- NI No 10 1-Row Corn picker
- Int Mtd Picker, 2 Row
- IH 550 Harvester w/Pickup
- JD No 25 Harvester
- Case 300 Harvester
- Case V-12 Shredder
- JD Chopper
- NH 717 Harvester w/Pickup

HAY EQUIPMENT

- NH 469 Windrower
- Hesston 1014 12 Windrower
- Hesston PT 10
- Dump Rake
- 3 pt Hookup Mower
- Bale Thrower Wagon
- JD Hay Rake
- NI Hay Rake
- NH 66 Baler

MISCELLANEOUS

- Ford 4 Row Corn Planter
- JD 2 Row Planter
- JD 494 Corn Planter 4 row
- IH 400 Corn Planter 8 Row
- 10 Used Spreaders
- NI 17 Spreader
- NI 224 10 ton Spreader
- Potato Grader
- Dump Wagon

AVCO NEW IDEA

SPECIAL PRICES!
- 1200 Bu. Corn Cribs
- NI 456 Round Baler

case

ZIMMERMAN'S FARM SERVICE
Bethel, PA
Phone 717-933-4114

FARM EQUIPMENT

Tractors

AC 210 JD 4010 IH 300
AC 220 JD 2510 IH 350
AC 7030 JD 2010 IH 450
AC 7050 JD A IH 340
AC 170 JD B
AC 180
AC 190
AC 200
AC WD's & WD 45's

Used Equip.

Fox SP chopper w/2 or 3 row Head
IH PR1 Corn Picker
NH 845 Round Baler
Farmhand Tub Grinder Model 880

Combines

AC C combines
AC F combine
AC L combine
AC E combine

GRUMELLI FARM SERVICE
Quarryville
Phone
717-786-7318

VAN DALE

- **Van Dale Products**
  - Silo Unloaders 10' - 30' New & Rebuilt
  - Bunk Feeders - Belt, Auger and Shaker
  - Conveyors - Auger & Single Chain
- **T.M.R. Van Dale Mixer-Feeders - 4 Auger**
  - Truck Mounts
  - Trailer Mounts
  - Stationary Units
  - 40 Cows to 400 Cows
- **Liquid Manure Spreaders**
  - 1500 Gal. to 4500 Gal.
  - Soil Injectors
- **Liquid Manure Pumps**
  - Agitator-Filler
  - Centrifugal
  - Lagoon
- **Uebler Electric Forage & Grain Carts**
- **Uebler TMR Forage Carts**
- **Red Top Stainless Steel Trough Cattle Waterers**
- **Lancaster Stave Silos - Stave or Metal Chutes**
- **Sollenberger Poured Concrete Silos Top or Bottom Unloading**
- **Double Chain Wood Conveyors w/Slip Clutch & ¾" Bottom**
- **Taper Board Feeders & Belt Feeders**
- **Circle Feed Supplement Bins**
- **Hedlund-Vaughan Chopper Pumps**
- **Nesseth Liquid Manure Equipment**
- **Leasing Available**

Sales & Service

K & S INC.
RD 1 Quarryville, PA 17566
PH: 717-284-3111

NEW TRACTORS

IH 284D
IH 284D 4WD
IH 484
IH 684 w/loader
IH 884
IH 384
IH 274
IH 584
IH 784

NEW HAY EQUIPMENT

IH 445 W balers
IH #15 bale throwers
IH 1190 9' mower conditioners
IH 1300 7' 3 pt. hitch mower
IH 35 rakes

NEW CULTIVATORS

2 IH 183 4 row Vibra tines

NEW DISC HARROWS

IH 122 5'6"
IH 122 6'9"
IH 475 18'7"
IH 501

IH Uptime Service

certified service
1980 1981

WM HOBENSACK'S SONS
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IVYLAND, BUCKS CO., PA.
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FARM EQUIPMENT

Used Farm Tractor Parts by the thousands
Wenger's 717 866 2135

case

JD 3020 Tractor, Late Model, Nice Shape
Case 1070 Tractor, Power Shift, Nice shape
1977 NI 709 Uni System, 1100 actual hours, air, heater, cab. Traded for larger unit.
Plus NI cut/ditioners & mow/ditioners, tractors in stock at Good Prices.

C. & P. FULTZ EQUIPMENT
RD 1 Spring Mills, PA
(814) 422-8807,
Ask for Paul

SPECIAL OF THE WEEK
Demonstrator
WIC BEDDING CHOPPER
$1,175

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BADGER
3,000 gal. liquid manure tank
1,500 gal. vacuum tank
205 Bushel Manure Spreader
Forage Wagons
Forage Blowers
Bedding Chopper for Mulching
Persuader Pump agitator for Lagoons
Handy High Pressure Washers

Oswalt Mix Wagons
Grain Drill with band seeder
Also:
Registered Holstein Bulls

SHOW-EASE STALL CO.
573 Willow Rd Lancaster, Pa
Ph: 717 299 2536

TRACTORS

Farmall H, good shape
AC D14
VAC Case w/wide front
Farmall C w/fast hitch, cultivator, & 2 btm plow
Farmall M

MISCELLANEOUS

Disc, plows, mowers, balers, wagons, rakes, harvester grain bins, harrows, pickers, & loaders.

COMBINES

MF 35 SP 8' cut
AC 66 pull
IH 203 10', PS
JD 30 auger feed, pull
IH 93 10'
JD 40 10' clean $2,000
IH 80 auger feed pull
Ford 6000 diesel, wide front, new tires

PICKERS

IH 2PR 2 row pull type
NI 305 mounted picker
NI 7, $500

DISMANTLING COMBINES FOR PARTS

Gleaner A, C, CII; AC 60, 66; IH 64, 76, 101, 123, 127, 141, 95, 91, 93, 203, 303, 205, 151; JD 12A, 25, 30, 40, 45 round back, 45 square back, 55 round back, 55 square back, 95, 105; MF 80, 90, 26, 27, clipper, 72, 82, 92, 35, 300, 410, 510; Oliver 35, 40, 430, & pull type, Ford SP & pull types. NI unisystem combine, sheller and chopper.

DISMANTLING TRACTORS FOR PARTS

JD 2010, 70D, 4010, IH F 14, A, B, C, H, M, 300, 350, 460, 460 Ut., Supers C, H. & M. JD A, B, 50 & 60. AC WD & D17 Oliver 70 & 77. Ford 8N & 860. Case SC & V.A.C. Massey 44D, MF 85D, IH 400, MTA, 240, F20, WD D2 Cat crawler.

Dismantling 75 combines for parts

DISMANTLING PICKERS FOR PARTS

IH 234, 2 MH, 2 MA, 1 pr, 2 pr, 20 and 24, JD 16, 337, 227, 226 and 1 rows, NI 305, #7, #10 and 2 row pull, Ford 2 row mtd., 1 row, Woods, GI, AC mtd., Oliver #5, 2 row mtd. pull.

KEITER'S FARM MACHINERY
R.D. #1 Halifax, PA 17032 Rt. 225 20 mi. from Hbg.
Phone: 717-362-9574 or 362-9096

NEW COMBINES

JD 6620 Hydrostatic Drive, corn soybean combine, fully equipped
JD 444 Corn Head
JD 215 Flexible Platform

USED COMBINES

1978 AC KII Combine w/12' Grain Head and Robot Head Controls Excellent Condition
Waiver of Finance Available
$22,500

AC G Combine w/13' plattorm, MECHANICS SPECIAL ~~$4000~~ $2000
JD 244 Corn Head

USED EQUIPMENT

Farmall C Tractor	$600
Oliver 12' D (SOLD)	$250
AC 12' Disk	$350
JD 4 Row Cultivator	$750
JD 1300 Planter, 6 Row	$500
IH Drill 16 Tubes	$500
NH 270 Baler	$500
IH 37 Baler	$500
Gehl 600 Forage Harvester	$1500
Gehl Snapper Head	$1500
IH 350 Forage Harvester	$300
JD 35 Forage Harvester	$1000
JD 38 Forage Harvester	$1500
Gehl 72C Flail Chopper	$1200

SPERRY NEW HOLLAND DeLAVAL JAMESWAY

FREE FINANCING ON SOME ITEMS

I. G. SALES
Silverdale, PA 18962
215-257-5135

JOHN DEERE Quonset Buildings

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SKID LOADER
Crew Cab Pickups
Trailers
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RD 1, Gap, PA 17527

Ford Tractors Equipment AVCO NEW IDEA HESSTON

USED TRACTORS

Ford 3000 Diesel
Oliver 770 Gas

USED TILLAGE EQUIP.

Oliver 5 Btm auto reset plow
White 508 4B 18 Auto plow
Ford 142 4B Semi-Mtd. Plow

USED HAY TOOLS

Hesston PT10 Windrower
Hesston 1010 Hydro Swing Windrower
NI 290 Mower Conditioner
MF Dyno Balance Mower
Fox SPF Fg Harvester

MISCELLANEOUS

Grain Chief 450 Dryer

COMBINES

White 8700 (1980)
MF 410

STANLEY'S FARM SERVICE
RD Box 46
Klingerstown, PA
717-648-2088

FARM EQUIPMENT

JOHN DEERE

USED EQUIPMENT

JD 494A Planter
JD 694A Planter
JD 7700 combine
JD 4400 Combine
JD 105 Combine
JD 727 rotary mower
JD 244 Cornhead
JD 1250 corn planter
JD 214WS Baler
NH 273 baler
JD 485 mower conditioner
NH 469 Haybine 9'
JD FB Drill
JD 3800 Chopper
JD 47 loader
Oliver 5x16 Plow
Case - Field Cultivator
IHC 470-17' disc

SPECIAL PRICES ON NEW EQUIPMENT

Grimm Tedders in Stock
H & H Bale Bodies

SPECIAL INVENTORY SALE ON NEW EQUIPMENT

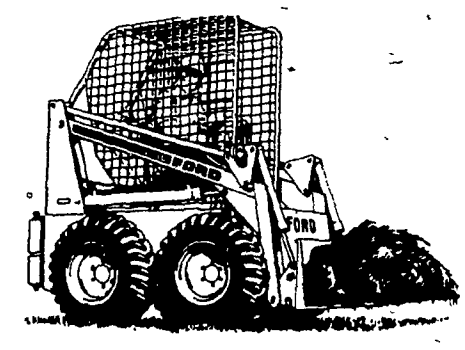
1- JD 111 - 12 Ft. 10 In. Disk - $2895.00
1- JD 1630 - 11 Ft. Plowing Disk - $4,540.00
1- JD 2600 PLOW 5-16" - $4685.00
1- JD 2450 - 7-16" PLOW - $4,815.00

No Trade-Ins Accepted.

J.S. COVERT & SONS
Neshanic Station, NJ
201-369-5241
Just 3 miles off Rt. 202
(Between Flemington & Somerville)

The Time Is Right
The Price Is Right!!

Used Equipment Specials...



USED MODEL CL 30 FORD SKID LOADER

New 30 HP Air Cooled Wisconsin Motor, All Standard Equipment, Wide Flotation Tires, 13 Cu. Ft. Utility Bucket, A-1 Condition...

$6995

USED MODEL CL 40 FORD SKID LOADER

Ford 40 HP Industrial Water Cooled Motor, All Standard Equipment, 60" 12½ Cu. Ft. Utility Bucket With Teeth, Sold New June 1980, A-1 Condition...

$7900

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FARM EQUIPMENT

Combine, Harvester and Corn Head Parts For Sale off used machines Wenger's 717-866 2135.

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Used
IRRIGATION PIPE & PUMPS
Send your inventory and price to
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USED EQUIPMENT FOR SALE
Fox Super D w/Diesel engines w/cab and heads
NI 702 Uni System w/ diesel engine, chopper and Forage Heads
NI 3 Row Snapper Head, like new
717-627-3665

bobcat

USED EQUIPMENT

Tractors
Farmall A
Farmall C
Farmall M
IH 240
IH I-656 Gas Hydro
IH F986 D
IH F504
IH F560 Gas
IH F1066 D
IH F300 Gas
IH 350 Utility w/Loader
JD Cyclone B
MH Pony Outfit with Hydraulics
Ford 8N
Oliver 88D

Plows
IH 550 5-Bottom
IH 440 3F 16"
IH 531 3F
IH 700 6F Auto Reset
IH No. 8 Trailing
3F Trailing Plow
Fast Hitch 2 way
MF 3F 16" Mounted
MF 5F 14" Mounted
JD 3F 16" Mounted
JD 4F 14"
Oliver Chisel Plow
JD F125 3F
Ford 5F 18

Tillage
IH 122 Mtd. Disk Harrow
Dunham 10 Ft. Cultipacker
Lely Power Harrow
MF 3 pt. Disk Harrow
McConnel 20' Spring Tooth Harrow with Transport
JD 10 Ft. Roller Harrow

Planters & Drills
IH 500 Planter, 6 Row
Pittsburgh 4-Row 3-pt. Cultivator
IH 251, 2 Row Mtd
IH 400 Cyclo 4 Row
JD 494 Planter
IH 10 16x7 Comb. Drill
JD 13x7 Drill
JD FB 17/B Drill, 17x7
JD 1250 Planter
MF 468 4-R Planter

Pickers
IH 2 ME
IH 2 MHD
NI 2-Row Mounted
NI No. 10 Cornpicker

Combines & Cornheads
IH 127
IH 810 15' Grain Head
IH 227 Corn Head
IH 429 Corn Head on 403
IH 844 Corn Head

Hay Machines
NI 402 Rake
IH 430 Baler
IH 46 Baler w/Thrower
IH 37 w/thrower
IH 420 Baler w/Thrower
IH 10 Bale Thrower
IH 100 Mower
IH 115 Mower
IH 990 9 Ft Mower Conditioner
IH 1190 Mower Conditioner 9 Ft
M.C. Rotary Scythe
Kubota 60" Mower
JD 2 pt. Mower
JD Hay Tedder
Myers Hay Crusher
NI Mower
NH 67 Baler
JD 214 Baler

Forage Equipment
IH 16 Harvester w/2 Heads
IH 550 Harvester w/2 Heads
IH 650 Forage Harvester
IH 50 w/PTO Drive
IH 2 Row Wide Row Crop Units
JD Forage Box
JD 6 Harvester
JD 34 Harvester w/2 Heads
JD 16A Hail Chopper
IH 5 Hail Chopper
IH Hay Pickup 550/650
AC 780 Harvester
Fox 546 Harvester
NH 77
IH 42 Blower
IH 56 Blower
NH 25 Blower
Kools Blower

Miscellaneous
NI EGT 100 electric garden tractor
IH 20 Loader For Super C
IH 85 riding mower
IH 147 Cadet w/Mower
Sears 6 HP riding mower
Snow Blowers For Cadets
IH 530 Spreader
NI Spreader
MF 205 Spreader
Waldron Dozer Blade w/IH or JD Mountings
JD Post Hole Digger
Sunmaster B90 Mower
Woods Cadet 60 Mower
Woods RB7 Blade
Woods M5 Rotary Cutter
Walsh 300 Gal Sprayer
IH 40 Spreader
IH 580 Spreader
IH 175 Spreader
IH 550 Spreader
Badger 205 Spreader
Starline 950 Spreader

This Week's Special...
NEW IH HYDRO 84
Ideal Loader Tractor

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Located 1 Mile S. of Int. 78 & 6 Miles
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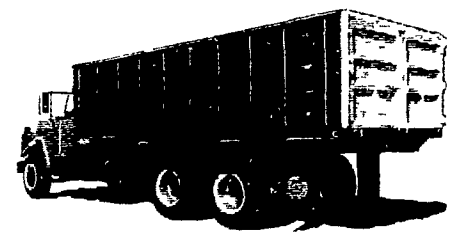
Call Toll Free 1-800-692-7467

Livestock & Grain Bodies
Bigger Than Ever, Better Than Ever



- One-piece roll formed steel sides with built in tarp rail Available in 28", 40" and 52' extra-capacity heights all with maximum corrugation for maximum strength
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10 miles S. of Lancaster along Rt. 222
GUARANTEED
QUALITY USED EQUIPMENT

Would Sell Any Tractor w/or w/o cab IH tractors w/3 pt or fast hitch
JD 4020 diesel, real good solid tractor
MF 1130 Diesel w/multipower rebuilt 1 yr ago
IH 1206 WF dual pto, 3 pt new ta
IH 806D Clean local trade-in
IH 1256 w/cab & air, nice, clean, original tractor
1968 JD 3020 D, 600 hrs. on overhaul, 16 9x38 rubber, roll bar canopy
1970 JD 3020 D Side Console 38" rubber Clean local tractor
IH 826 gear drive, very clean, fully equipped
IH 1066 w/yr round cab new rubber, TA & clutch, new last fall Local tractor
IH 966
Farmall M with wide front
Oliver 1850 diesel, Perkins (100 h p.), wt, 3 pt
AC D17 gas, clean
MF 300 quick attach combine w/cab & air, very clean, 3 row narrow w/13' plattform & pickup reel
Gehl 3000 skid loader w/3 buckets, 360 orig hrs., w/electric clutch shut off
IH 35 hyd driven hay rake
NI 744 4 row narrow quick tach
NI 728 4 row SOLD

MISCELLANEOUS
2 cabs w/air to fit IH 06 to 56 series tractors $700 $800
New Aerovent high SOLD crop dryer model XL927, LP gas $600
IH & JD rear & front weights
18 4x34 axle mount duals w/hubs for IH, $500
(2) 18 4x38 axle mount duals
16 9x38 snap on duals
16 9x34 axle mount duals
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Evenings 717-786-4899

FARM EQUIPMENT

For Sale 12 Papec Hammermill very nice, $500 717 273-9089

FARM EQUIPMENT

Farmhand hyd dump wagons, 5000 lb capacity. 609 769 3183

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WISCONSIN HEAVY DUTY ENGINES
Skid Loader Replacement Engines New & Rebuilt

DECEMBER SALE
Up to 40% Discount plus 2% Cash

WISCONSIN ENGINE SPECIALS
For skid-steer loaders and many other applications. Available with clutch or PTO reduction.

V465 D, 65 hp	$1975.00
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VH 4D	$1330.00
WH 4D power unit with clutch reduction	$1550.00

DEUTZ DIESEL ENGINES
Model F 2L511 2 cylinder, 26.5 hp at 2,000 rpm $1750.00
Available as a power unit with SAE housing for clutch or clutch reduction.

FACTORY WARRANTY
"AUTHORIZED SERVICE CENTER"

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Bird-in-Hand, Pa. 17505
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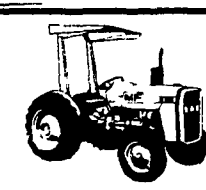

MF Massey Ferguson

20% PRICE ROLLBACK IN NOVEMBER ON NEW & USED EQUIPMENT
Also Waiver or 13.9 Percent APR Financing

TRACTORS & EQUIPMENT
IH 154 Cub Low-Boy Tractor w/Mower
IH 340 Farmall Tractor
MF 3165 Tractor w/Loader & Cab
MF 203D Tractor w/Loader
MF 1085 Tractor
MF 205 Diesel Tractor w/Loader
MF 50 Tractor w/Loader
MF 40 Dsl. Tractor and Loader
MF 35 Tractor
Ford 641 Tractor w/Loader & Bucket
Farmall Super H Tractor
JD MT Tractor
Ford 8N Tractor w/loader
NH 892 Fg Harvester
Fox 1000 Forage Harvester
NH 451 Mowers
(3) NH 36 Crop Chopper
NH 270 Baler w/thrower
NH 269 Baler w/thrower
NH 1010 Bale Wagon
MH 35 Combine
MF 750 Combine, 14' Grain Table & 44 Corn Head
Brillion 12' field cultivator
NH 510 Manure Spreader
NI 213 Manure Spreader
AC Blower
AC 516 Plow

NEW M.F. EQUIPMENT
MF 275 Tractor
MF 245 Tractor
MF 265 Tractor
MF 230 Diesel Tractor
MF 220 Tractor
MF 210 Dsl Tractor
(2) MF 205 Diesel Tractor
MF 50C w/Loader
MF 50C w/Loader
MF 50C w/Loader
MF 40B w/Cab
MF 40B w/Cab
MF 30B w/Cab
MF 30B Tractor Cab
MF 20C Tractor w/Loader
MF 124 Baler
MF 34A Loader
MF 34A Loader
MF 32 A Loader
MF 246 Loader
(2) MF 216 Loader
MF 300A Loader
MF 640 Corn Planter
MF #43 2B Plow
MF 820 Disc Harrow
MF 520 Disc Harrow 12'
MF 520 Disc Harrow 14'
(2) MF 320 Disc Harrows
MF 226 Scraper Blade
MF 227 Scraper Blade
MF 218 Rotary Cutter

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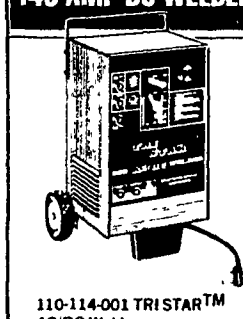
R.D. 2 Box 66 West Grove, PA
215-869-2214

TRI STAR™ 230 AMP AC 140 AMP DC WELDER



110-114-001 TRI STAR™ AC/DC Welder
(shown with optional wheel kit)
- Up to 100% Duty Cycle
- Quick Twin Grip Amperage Control
- Operates all types of AC and DC Electrodes Including Low Hydrogen
- Optional Wheel Kit Available
- Helmet Cables and Accessories Included

CENTURY

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Ph. 717-354-4271

JOHN DEERE

JD 4430 Tractor w/cab
JD 4230 Tractor QR
JD 4030 Tractor
JD 4020 Tractor P.S. W.F.
JD 2640 Tractor w/loader
JD 950 Tractor
Farmall 200 Tractor w/ftr. Blade & 2B Plow
JD 1209 Mower Conditioner
JD 485 Mower Conditioner
JD 237 Corn Picker
NI 2R Pull Type Picker
NI Corn Picker w/sheller
NI #7 1R Corn Picker
JD 1240 4R Plateless Corn Planter
JD 1240 Corn Planter
JD 1240 Corn Planter
IHC 56 Corn Planter w/Liq. Fert.
JD RWA Disc
JD BWA Disc
Athens Disc
JD B Plane 15 Disc Grain Drill
JD 3800 Chopper w/2 row corn hd
JD 34 Chopper w/corn head
JD 6600 Combine, hyd. drive w/plattorm
JD 6600 Combine w/15' Platform & 443 Corn Head
JD 6600 Combine w/15' Platform & 444 Corn Head
JD 105 Combine w/plattorm and corn head
Woods C114 Rotary Mower
Woods RM 306 Rotary Mower
Woods 120 Offset Rotary Mower
JD 214 Baler w/thrower
JD 24T Baler w/ejector
JD 24T Baler w/ejector
NI 279 Cut/ditioner
JD 2800 6B Plow
JD 145 6B Plow
JD 325 3B Plow
JD 1450 5B Plow
JD 950 12' Roller Harrow
JD 1550 Power Till Seeder

ENFIELD EQUIPMENT INC.
Whiteford, MD 21160
Ph: 301-452-5252

FARM EQUIPMENT

FARM EQUIPMENT

FARM EQUIPMENT DISPERSALS AUCTION
SATURDAY, DECEMBER 12th
10:30 a.m.

Alan Thompson, Spring Grove, Va.
(Between Waverly and Hopewell)
Everything in Excellent Condition

TRUCKS INCLUDE: 1980 GMC Sierra Grande 4-wheel drive Pickup, 1975 Chev. C60 w/15 ft. dump body, 1974 GMC 3/4T Truck, 1973 Int. Dump Truck, Loadstar 1700, w/14 ft. body, Handie Implement Trl. 18 ft. 10T Tandem. **TRACTORS INCLUDE:** 2-J D 4430 diesel, J D 3020 diesel, IHC 504 Gas, Also - JD 6600 Diesel Combine, JD 148 Loader w/72" bucket, Ferguson Tilrovator Mdl. 70 w/Gandy Applicator, 10 JD No. 71 Planters - 2 seed monitors, No-Til Attach. 4-Noble Applicators, KMC 4-Row Ripper and Spieder Hyd. Row Markers, **PEANUT EQUIP. INCLUDES:** 1978 522A Hobbs Pea Combine, 1976 522 Hobbs Pea Combine, Long Peanut Drying Unit 6-Trl. w/Air Vent Dryer, Ferguson 2-row Peanut Lifter, Paulk 4-row 3 pt. Plasterer, KMC 2-row Peanut Digger and Vine Cutter, MUCH MORE Equipment Including: N.I. 12A Manure Spreader, Kewanee 620 Hyd. Disc, JD 709 Bush Hog, Portable Mixer-Grinder, 12' Chisel Plow, Ford Double 4-bot. 18" "flip" plow, JD 210 Hyd Disc, 8' pull-type harrow, cultivator, Baler, Crop Sprayer, Fertilizer Spreader, 200 & 125 bu. gravity Flow Wagons, Rotary Hoe, Portable Grain Auger, other equipment and misc. tools. *ALSO SELLING:* Hereford/Simmental Cows and calves, bred and Yearling Heifers, ¾ Simmental Bull and Angus Bull ALSO - Farm and Peanut Equipment of A.G. Moore of Waverly, Va. including: 2-IHC Super C tractors w/4-row cultivators, IHC B414 tractor, IHC M and JD "B" tractors, 9 ft. Chisel Plow, IHC 4-14" Plow, disc harrow, feed mill, Long Mdl. 377 Peanut Combine, Ferguson 2-row Peanut Digger and Reshaker and Sulfur Duster Plus Other Equipment - For Detailed Brochure Contact -

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NEW TRACTORS
AC 5020
AC 5052 FWD
AC 5050
AC 5050 FWD w/ldr.
AC 6060
AC 6080
AC 7010

USED TRACTORS
IH 574
IH 2606
Case 400
AC 175
AC 7000 w/cab

NEW COMBINES
M KS2
F KS2

USED COMBINES
JD 7700
MF 410
MF 510
IH 715

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FARM EQUIPMENT

...'/ corn picker, good cond. 215-488-1965. Berks County.

For Sale - Oliver 2 bottom 12" or 14" Radex plows JD KBA 20 and 24' disc /17-687-6553 or /17-687-8021

FARM EQUIPMENT

JD 237 corn picker with multi-lube, excellent condition Roger Krumrine 301-346-7514

For Sale - Massey 50 utility gas tractor. All 4 new tires, runs good $2500. /17-273-9089.

NEW TRACTORS
JD 2940
JD 4040
JD 4440
JD 4640

NEW MACHINERY
1 - Century 300 gal. sprayer
JD 445 Spreaders N/T — $3975
1 - JD 660 Spreader N/T — $4500
2 - JD 680 Spreaders N/T — each $8595
JD 235 17' Disc
JD 235 19' Disc
JD 1207 Mower Conditioner
JD 1209 Mower Conditioner
JD 950 12' Roller Harrow
JD 950 15' Roller Harrow
JD 1250 Plow 3x16 — $1800 N/T
JD 1250 Plow 4x16 — $2450.95

USED MACHINERY
1974 IH 100 Hydro Tractor Motor overhauled March 1981
2-Chisholm Rider Bean Harvesters w/656 IHC Tractor — each $6,000
IHC 400 4R Planter — $3500
IHC 400 6R Planter — $3500
IH 56 4 Row Planter
JD 145 Plow, 5B 16" — $1800
JD 24T Baler w/#30 Thrower — $2725
2-18x4x30-8 Ply Tires and wheels for Gleaner Combine
JD 800 SP Windrower — $3500

JOHN DEERE
WALTER'S SALES AND SERVICE
RD 2 Mifflinburg, Pa.
717-966-3778
JD Agricultural Dealer and CP

FARM EQUIPMENT

FARM EQUIPMENT

FREE FINANCE ON NEW HOLLAND NEW AND USED HAY EQUIPMENT TILL JUNE 1, 1982, ON FORAGE EQUIPMENT TILL AUGUST 1982.

NH 256 Rake
NH 451 Mtd. 3 pt. Mower
NH 518 Spreader w/hyd. endgate. $1875
NH 331 Spreader. $275
IHC 550 Fg. Harvester w/pickup & 2R Adj. Heads. $995
NH 717 Forage Harvester
NH 880 N3, R2 Cornheads
NH 479 Haybine $2775
MF-NI Mower Conditioner. $1295
NH 269 Baler. $1185
NH 273 Baler. $1850
IHC 37 Baler & thrower $950
NH 269 Baler w/thrower $1650
JD "60" PTO Blower $475
Call for prices on other equipment

SPECIAL PRICES ON NEW
NH 782, 892 Harvesters and Heads
NH L35, L325 Skid Loaders
NH 310 & 320 Balers
NH Mowers, & Rakes
NH 474, 489 Haybines
NH 14, 230, 234 Wagons
NH 513, 519, 679, 800 Flat Bed Spreaders
3200 gal. Spreader with injector

ROY A. BRUBAKER
SALES ★ SERVICE
Phone: 717-626-7766 or 626-1859
700 Woodcrest Avenue, RD3, Lititz, PA

W. WHITE Farm Equipment

bobcat ® KUBOTA

SPERRY NEW HOLLAND

USED EQUIPMENT

TRACTORS
Oliver 770
Oliver 1650
Oliver 1850

HAYTOOLS
NH 268 Baler w/Thrower
NH 269 Baler w/Thrower
NH 270 Baler w/Thrower
NH 846 Round Baler
NH 68 Baler
NH 275 Baler
Oliver 620 Baler w/Thrower
JD 483 Mower Cond.
NH 467 Haybine
NH 469 Haybine

SKID LOADERS
NH L-35, 358 Hours
Bobcat M600

TILLAGE - PLANTING
White 5400 Planter
MM 4-16 HAR Semi Mtd. Plow
JD 1240 4-Row w/Monitor
Ontario 16-7 Grain Drill, 1 Yr. Old
IHC 16' Cart Harrow

FORAGE TOOLS
NH Super 717 w/1-Row
NH 717 Harvester w/1-Row
NH 880 R2-2-Row Head

CORN PICKERS & COMBINES
NI 324 2-Row w/12 Roll Bed

SPREADERS
JD 54 Spreader
NI 212 Spreader

NEW EQUIPMENT IN STOCK

WHITE
2-30 Two Wheel Drive
2-45 2&4 Wheel Drive
2-62 Tractor
2-105 Tractor
WHITE
543 6R Planter No Till
5100 6R No Till
WHITE 254 10'4" disc
N.H. L425 Loader
N.H. 256 - 258 Rakes
N.H. 707, 718, 782, 892 Harvesters
N.H. Spreaders - 513, 519, 679 & 800
Vicon 3 pt. Fert. Spreader
Bobcat 530, 641 & 743
Tye No Till Drill
Glenco 7' Soil Saver
Morridge 275 Grain Dryer

SPECIALS
Woods M5 3 Pt Rotary Mower $675
Woods M72 PC 3 Pt Rotary Mower $895

DUNHAM - BRILLION - LAMCO - BOBCAT -
NORMAN D. CLARK & SON
Honey Grove, PA 17035 - Phone 717-734-3682
Located 14 Miles South Port Royal on Rt 75
DISTRIBUTOR OF CENTRAL TRACTOR PARTS CO

See Us About IH Purchasing Programs.

NEW EQUIPMENT
Call for Prices
Gehl 360 skid steer loader
Gehl 1600 round baler
IH 425 baler w/thrower
IH 1190 mower-conditioner
IH 200 2 row, 3 pt. cultivator

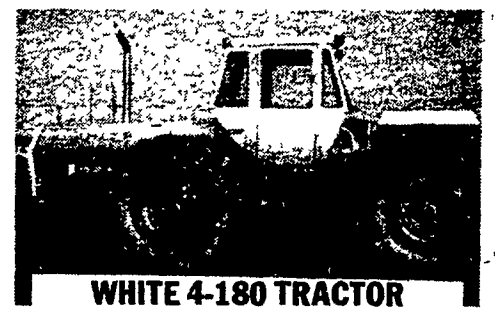
USED EQ. SPECIALS
Ford 740 tricycle w/Johnson loader.
Reg. $1975 Special $1650
IH 990 mower-conditioner
Reg. $2250 Special $1850
AC 303 baler w/thrower
Reg. $1550 Special $1295
IH 715 combine
Reg. $17,500 Special $15,900

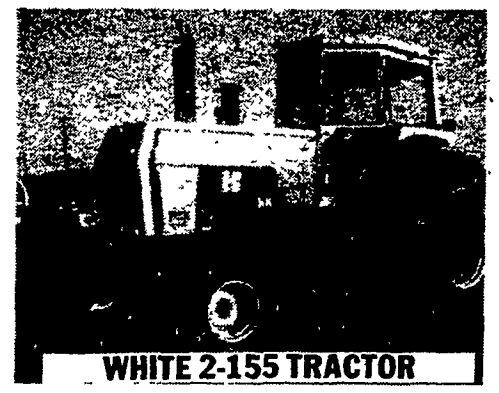
USED EQUIPMENT:
766 Tractor — $12,400
1066 tractor — $13,800
IH 550, 5 x 16 plow — $1250
IH 4x14 trail plow — $375
JD 12' Mtd. Vibra Shank harrow — $1550
IH 400 Cyclo 4 row planter — $3450
IH 400 Cyclo 4-row planter — $2975
Pincor alternator with trailer — $1495
IH 403 combine, 4 row corn hd., 13' platform, hydro. drive, — $9,500
IH 470 19' Disc Harrow w/mulcher — $2500
Fox blower — $750
468 4-row cultivator — $850
2 A-Hay Crusher — $95
NH 770 forage harvester w/2 row narrow row hd. & pickup hd. — $3500
#10 hoe drill — $1950
#10 single disc drill — $2300
Ontario 12x8 hoe drill on steel — $435
Arts-Way grinder-mixer — $1375
Bale-wagon — $795

INCH EQUIPMENT CO.
Dalmatia 717-758-3021
717-758-6491
35 miles North of Harrisburg, PA on Rt. 147
INTERNATIONAL AGRICULTURAL EQUIPMENT
• U P S Service Available

JOHN DEERE *Nothing runs like a Deere*

THIS WEEK'S SPECIALS


WHITE 4-180 TRACTOR


WHITE 2-155 TRACTOR

These Tractors on Special
$19,900 each
BUT WILL TAKE LESS
Waiver of Finance Charge Till March 1, 1982

NEW JD 4040 TRACTOR
Ask about the
$1400 JD Money Bonus Dollars!
Waiver of Finance Charges
Till June 1, 1982

(2) USED EXCELLENT JD 2840 TRACTORS IN STOCK

CLUGSTON IMPLEMENT, Inc.
1 Block off I-81 Exit 8
Chambersburg, PA 17201
Phone: 717-263-4103

bobcat NEW HOLLAND

FARM EQUIPMENT

FARM EQUIPMENT

RENTAL

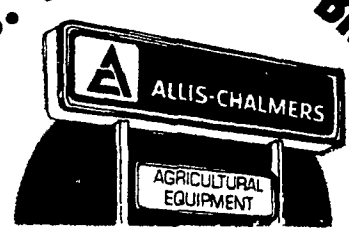
SPECIALIZING IN RENTAL OF

SKID LOADERS & BACKHOES

STOLTZFUS MFG. CO.

R.D. #1 Box 700
Honey Brook, Pa. 19344
Phone - 215-273-3376
or 215-273-3050

C.J. WONSIDLER BROS.



Trumbauersville to Finland Rd., Quakertown, PA
Call (215) 536-1935, 536-7523
OR Rts. 309 & 100, New Tripoli, PA (215) 767-7611

"BUY NOW & PAY NEXT YEAR!"
Buy today and get waiver of finance on used tractors until May 1, 1982, and on used combines until September 1, 1982.
Offer subject to change without notice.

TRACTORS

MF 1100 D
MF 1080 D
MF 180 D w/loader
MF 180 D
MF 50
Ferguson 30 w/loader
Ford 3000 G
Ford 800
Ford 601
Ford 9N
White 250 D, like new!
Oliver 1850 D
Oliver 500 D
Oliver 55 D
Farmall 560 D
Farmall 400
Farmall 460 D
Farmall M
Farmall H
Case 630 w/loader
(3) Case 300
Case DV
(2) JD 60
Satoh Elk 550 w/low hrs
AC 7040 D w/cab
AC 7020 PS D w/cab
AC 200 D
AC 190XT D w/cab
AC D19
AC D17 D
AC WD45 G
AC WD G

COMBINES

Gleaner MKS w/13' grain & 630 corn heads
Gleaner FKS w/grain & corn heads
Gleaner All w/13' grain & 2 row corn heads
Gleaner CII w/13 grain & 438 corn heads
JD 55 Corn Special w/cab 12 grain & 330 corn heads
JD 55 w/grain & corn heads
JD 40 w/grain & corn heads
JD 45 w/grain & corn heads
MF 82 w/grain & corn heads
NH 975 w/grain & corn heads
IH 203 w/grain & corn heads
NI Uni System 704 w/717 combine 4 row corn head
Moridge 400 Grain Dryer,
Behlen 400 BU Grain Dryer

CORN PICKERS

NI 105 w/307 husking bed, fits JD 3020
NI 305 w/307 husking bed & 302 sheller for Farmall tractors
NI #10 1 row
NI #7 1 row
AC 170 2 row w/husking bed, like new!

AVCO NEW IDEA

MANURE SPREADERS

(2) NI 213 Flail, 176 BU
(2) NI 213 Single Beater, 176 BU
(2) NI 213 Three Beater, 176 BU
NI 218 Single Beater, 318 BU
NI 218 Single Beater, 318 BU, EX COND
NH 516 Single Beater w/ endgate EXCEL
NH 365 Tank Spreader w/hyd lid, 6 TON
Hawk Bilt 255 Tank Spreader 7 TON

SPECIAL SALE

Meyer's 7', 8', & 9' snowblades for farm tractors in stock and ready to go!!! CALL TODAY!!!

SPERRY NEW HOLLAND

Lobachsville, Oley, PA (215) 987-6221, 987-6257

DO YOU REALLY WANT A BARGAIN?

Here s a deal on demonstrated 4 WHEEL DRIVE "SAME" diesel tractors that you can't afford to pass up:

Taurus "60", 60 din HP, with ROPS cab, (170 hrs.) current list $23955,
SALE $15,300

Saturno "80", 78 din HP, with ROPS frame, (50 hrs.) current list - $21,400
SALE - $16,375

Mercury "85", 82 din HP, with ROPS cab (75 hrs.) current list $28,410
SALE $22,375

Panther "95", 95 din HP, with ROPS frame, (130 hrs.) current list $27,265
SALE $21,550

GOR-DUN'S INC.
RD 2 Box 114, Goshen, NY 10924
914 294 6141 (day)
914-986-2111 (eve)
ask for Seymour Gordon

FOR SALE

Antique Fuller & Johnson single cylinder vertical engine power plant, direct connected with Western Electric generator and control panel factory built, complete and rare. $850.

Dual Enterprize coffee mill with factory Wagner electric motor, ½ hp, 110V, $60.

Standard twin garden tractor with cultivator and disc, good 550x18 tires, $250.

215-539-7364

FOR SALE

USED TRACTORS

AC 7030 w/cab, (2)-7000 w/cab, (2)-200 w/cab, (2)-XT 190, (3)- 185, (2)-175, 170, 160 w/loader, 5040, 5040 w/loader, D-19 gas & diesel, (7)-D-17 gas & diesel some w/3 pt., D-15 gas 3 pt., D-15 gas snap coupler, D-14, D-12 high clearance w/cultivator, WD 45, B w/2 way plow
Ford 9600, 8000, 5000, 4000, 3000, 2000 w/loader, NAA w/loader, (4)-8N
JD (2)-4020, (2)-3020, (2)-620
IHC (2)-544D, (3)-574 w/loader, 560 D, 504, 424D w/loader, B 275D, 340, 240, 230, 140, Super MTA, Super M, Super C, Super A, Super AV, 4 cubs
Case (2)-430
MF (2)-235D, 135D w/188 hrs., 165D, 38" , tires w/loader, 35, 30, 50

CHOPPERS

NH Super 77- 770, NH 1 row snapper head
Hesston 7020

FORAGE BLOWERS

NH 25, 27, 28
JD Kools & AC

BALERS

(2)-JD 336 w/throwers
NH 320, 273, 268 w/throwers
MF 12
Hesston 4500

CORN PICKERS

NI 323 1 row, (4)-NI 325 2 row narrow, (2)-324 2 row wide, 8 & 12 roll husking beds. 314 & 329 Super Sheller attachments.
(2) IHC 1 PR 1 row

Special
New NH 679 tandem manure spreader w/hyd. tailgate $5975

MANURE SPREADERS

NI 95, 135, 165, 200 bu. spreaders, ground drive & pto.
JD 40
Hawk 157 tank
Starline 145 bushel
New Starline 200 bu. tanks at old prices.
Martin Scavenger
NI liquid

MOWER CONDITIONERS

NH 489, 479, 478, 477
Hesston 1090 pt 10 & pt 7 .
JD 1209, 1207
NI MC 7' & 9' cutditioners
Large assortment of tractor snowblades & front end loaders.
Call for your needs.
New & Used 3 pt. snow blowers & rear blades
New & Used double ring tractor tire chains

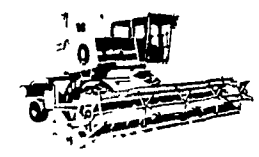
USED INDUSTRIAL

Log Skidders: JD 440 B, tree farmer C-5D, Prientice log loader
Bull dozers: JD 350 B, 450C w/6 way blade. AC H-3, 4, HD4, 653, IHC 500C w/6 way blade & winch
Crawler Loaders: JD 350 C, AC HD-3, HD-4 & 655
Backhoes: AC 615, 715; Kubota 225, Bobcat 610 skid steer loader backhoe available.
Several used tag along trailers
York rakes
New and Used hay and grain elevators
New hay feeder racks
New McKee corn hogs in stock
Just received new Brillion cultipacker/seeders. Early buyer discounts. Special deal on AC new 5050 tractors, 2 & 4 wheel drive models.

Call For Our Deal Before You Buy & Be Pleased

MARSHALL MACHINERY, INC.

RD #4
Honesdale, Pa. 18431
5 miles east of Honesdale on Rt. 652
Ph: 717-729-7117
Sales & Service AC, NI, Hesston, Kubota



MF Massey Ferguson

20% Price Rollback to Nov. 30
on all New MF agr. w/13.9% 2 year financing or waiver of finance charges. Eligible used equipment 13.9% 2 year financing or waiver of finance charges.

NEW EQUIPMENT

MF 245 diesel, 8 speed
MF 255 diesel, multipower
MF 265 diesel, multipower
MF 154-4 diesel
MF 184-4 diesel
MF 540 diesel combine
MF 850 & 860 diesel combines
MF 1143, 1144, 1163 corn heads
MF 4880 diesel tractor
MF 13' and 15' tables and UII reels.
MF 43 and 880 plows
MF 129 chisel plows
MF 226 and 227 snow blades

USED EQUIPMENT

MF 760 combine
2 MF 135 tractors
IH 574
Bobcat Model 700
Melrose skid loader
JD 4020 Tractor
Allis Chalmers WD 45 tractor
Brillion 12' cultipacker
(2) 250 bu. gravity bins
MF 880 5 btm. 18" plow
Case 1160 combine
NH 285 baler
Ford 520 baler
MF 510 diesel combine

We Service All Makes Of Equipment
Large Inventory of New & Used MF and NH Equipment

ABRACZINSKAS Farm Equipment, Inc.

RD 1, Catawissa, PA.
717-356-2323
(south on Rt. 42)

JOHN DEERE

Nothing runs like a Deere

Hot Special On NEW EQUIPMENT

	List	SALE
JD 410 round baler	$8300	$6,500
JD 850 tractor w/dual outlets (ready to put a log splitter or bucket on)	7,400	5,800
JD 25A flail mower	1,875	1,400

THIS WEEK'S SPECIAL ON USED PLANTERS

JUST CAME IN
Nice JD 2640 $400 w/canopy
Nice Case 995 w/cab
JD 4030 4 post w/enclosure

Free Financing Till April 1, 1982

	List	SALE
JD 7000, 6RN, conservation liquid	$9,500	$8,500
JD 7000, 4 RW, maximerge w/population monitor	6,800	5,600
JD 1240 plateless planter	2,500	1,875
JD 494A	900	475
JD 494 for parts	500	300
IHC Cyclo 6RN	5,000	3,200
White 5400 liquid	6,600	5,200
AC planter	3,500	2,100

Repossessed Planters

JD 7000 planter, 4RN maximerge, new never used	8,950	8,400
JD 7000 planter, 4 row conservation, like new	9,500	8,600

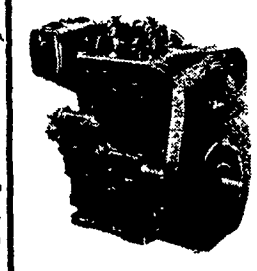
NO TRADE ON SALE PRICES

JOHN DEERE

AUKER-ENA EQUIPMENT, INC.
Oakland Mills, PA 17067
717-463-3511 436-2235

FARM EQUIPMENT

Perfection



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HOOVER DIESEL SERVICE

PH: 717-656-6133
2998 West Newport Rd
Ronks, PA 17572

JOHN DEERE

SPECIAL CLEARANCE BUYS

NEW JOHN DEERE EQUIPMENT

2040 Tractor
336 Baler w/ejector
HD 336 Spring Tooth Harrow
1207 Mower Conditioner
1209 Mower Conditioner
2500 4B Hyd. Reset Plow
660 Rake
C81 Spin Spreader
714 Chuck Wagon
1075 Running Gear
1710 Mulch Tiller
Waiver of Finance on New Utility Tractors and Equipment sold with tractors. Also Lawn & Garden Tractors

OTHER EQUIPMENT AVAILABLE

JD 45 Rear Blade 7'
JD 88 Rear Blade 9'
Bush Hog RM30 Rear Blade 6'
Bush Hog 1123-7' Rear Blade
JD 143-145 Loaders
JD 609 Rotary Cutter
JD 850, 950, 1050 Tractors
Century 500 gallon Liquid Fertilizer Sprayer

USED EQUIPMENT

JD B
JD LA
JD 520
JD 720
JD 3010
JD 4020
Farmall H, M, MD
AC C, WC, WD
Ford 8N
Farmhand Chuck Wagon
NH #6 Chuck Wagon
JD KBA Disc
JD 55 Combine w/Corn Head
JD 95 Combine w/ Corn Head
AC Gleaner CII w/C.H.
Bush Hog 1600 Cutter
Wood C-114 Cutter
NH 6' Cutter
Brillion RSS-112 Cutter
JD 507 Cutter

Special Deals on More Equipment not listed. See us Now!

Call For Details.

MILLER'S SALES & SERVICE INC.

West Penna. Ave.
on Highway 851
Stewartstown, Pa.
717-993-2470
or 993-2732

FARM EQUIPMENT

FARM EQUIPMENT

MACHINES IN STOCK WHICH YOU CAN PURCHASE FOR END-OF-YEAR TAX SAVINGS

USED TRACTORS

JD 4040 90-Hp, PS, 11 Hrs., Like New
JD 2840 80-Hp, 200 Hrs., R. Bar, Like New
JD 1020G, with ARPS Loader
JD 50 with Cultivator
JD A, Wide Front - Hyds.
Farmall MD Tri. Front - Good
Ford 9N - Runs Good, Newly Painted

USED EQUIPMENT

JD 4400 Combine, Loaded, Excellent Cond., with All Extras, Choice of Heads - $18,000
JD 7000 4-Row & 6-Row Planters, Fully Equipped
NH 469 Haybines
Lamco 18 Ft. Bale Wagons
2-JD 346 Wire Tie Balers w/Throwers
NH 275 Baler w/Thrower
NH 283T Baler w/Chute
Lilliston, Woods Rotary Cutters

NEW EQUIP. IN STOCK

JD 4420 Combine, 4 Row Cornhead & 13' Flex
2 Wheel & 4 Wheel Drive Tractors
Combines, Balers, Disks, Rakes, Choppers, and Skid Steer Loader!
Assorted 3 pt. 6 ft. & 7 ft. Blades

JOHN DEERE SPERRY NEW HOLLAND

• Full Line of NH & JD Equipment...
Extended Waiver of Interest And Price Protection Available on Most new Machines!

KERMIT K. KISTLER, INC.
Rt. 143, Lynnport, PA 18066
PH: 215-298-2011

bobcat
HESSTON FARM EQUIPMENT
FIELD QUEEN FORAGE HARVESTERS
ALLIS-CHALMERS
AVCO NEW IDEA
KUBOTA

AIRVILLE EQ. INC.
PO Box 37 (Rt. 74)
Airville, PA 17302
717-862-3358 or 862-3967

NEW MACHINERY
Hesston
7150, 7160 (Attaching heads for all)
16' forage wagon
Round Balers: 5540 & 5580
Bale movers
4600 baler w/thrower
Mower Conditioners: 1071, 1091
New 7600 Field Queen harvester, & all attaching heads
Allis Chalmers
5040
5045
5050 w/4 wh. drive
5050 orchard tractors
175
6080
6080 4 wh. drive SOLD
7010, 7580 SOLD SOLD
6080
6060 4 wh. drive
Discs: 2300, 2500 & 2600 series
New M2 corn plus combine
Kubota
B 6100 w/4 wh. drive
B 6100 HST 4 wh. drive
B 6100 HST 2 wh. drive
B 7100 HST 2 wh. drive
L 345 4 wh. drive + loaders, mowers, accessories
Bobcat
530
743
310
New Idea
802 Uni System
Uni System Plats.
Combine
Chopper
1 row pickers
2 row pickers
Elevators
Spreaders: 213, 214, 212, 243, 244, 245
Allied
GT grain dryer
Moore no till drill

USED MACHINERY
AC WD tractor
AC B tractor SOLD ds
L306 mower deck
AC 185 w/loader, reconditioned
656 IH w/loader
885 diesel David Brown orchard tractor
4030 JD w/cab
2- Hydromac Skid Steer Loader
AC C combine w/4 row corn head & 13' grain head
Gleaner L combine w/15' grain hd., 4 row narrow corn hd.
83 Massey combine grain platform w/2 heads
IH 440 baler w/thrower
Hesston 500 SP mower cond.
NI 272 cutditioner
IH 990 mower cond.
NH 1010 bale wagon
White 5 btm. hyd. reset plow
Oliver 4 btm. hyd. reset plow
MF 3 btm. hyd. reset plow
NH 717 forage harvester on 1 row hd.
IH 555 forage harvester w/2 hds.
702 power unit and chopper and choice of heads
NH 718 with new 1 row head or 2 row and pickup
AC 6' pull type rotary mower
JD 36' elevator w/motor
Taylorway 8' disc

FARM EQUIPMENT

Farmers & Dealers -- Your advertising pays for itself when you advertise your equipment in the farm equipment section 717-394-3047 or 717-626-1164

670 Moline diesel 814 793-4293.

For Sale- AC 170, IH 10 drill 717-438-3115

FARM EQUIPMENT

1977 721 Bob Cat Diesel $6,500 1975 Case 1740 Bob Cat $4,500 Owatonna 1000 Bob Cat $2,975 Others. 814-793-2829 Curry Supply

830 JD diesel 814-793-4293

For Sale - NI 705 Diesel Uni Tractor w/cab, 800 hours-$13,500. 717-866-7147

USED EQUIPMENT

JD 50	$1,500
JD 10' Grain Drill	400
JD 38 mower	600
JD 3 Btm. Plow	400
JD 4 R. Cultivator	200
JD Loader (for 2010)	Offer

Call 717-755-6734 York

JOHN DEERE

USED TRACTORS
International 504
JD 520
JD 4430 w/creeper gear
JD 4240 like new

TILLAGE EQUIPMENT
JD F145 5x16 semi-mtd. plow
JD 4x16 power reset plow
JD 3x14 Mtd. Plow
AC 4 bottom mtd. plow $495
AC 4 bottom snap coupler plow $295
IH 700 - 7x16 spring-reset plow

PLANTERS
JD 1240 4 row
JD 1250 6 row narrow
JD 494 A 4 row
JD 494 and 6 row narrow

STALK SHREADER
Brady 14'

HAY & FORAGE EQUIPMENT
NH 450 3 pt. Mower
JD 24T baler w/ejector
Hesston 4500 Square Baler w/thrower, like new $3595
IH 47 baler

FORAGE EQUIPMENT
JD 716 forage box on JD 1275 running gear
NI 603 forage box
JD 34 forage harvester, make offer
JD 3800 forage harvester

CORN PICKERS
NI 324 picker sheller 2 row, like new

DISC HARROWS
JD RW 28 blade
JD 7' offset pull-type
Case 24 blade

ROTARY MOWERS
JD 1508 15' fold-up

SPREADERS
JD 870 A Flail Spreader Tandem Axle 1061 gal. capacity, good cond.
JD 40
JD R
AC PTO

LOADERS
JD 168, Like New
JD 45

SCRAPER BLADES
Stockland 6' $150
Dunham 7'

NEW EQUIPMENT SPECIALS
JD 2640 tractor at $15,995
JD 4040 tractor at $23,500
JD 1250 3 btm. plow
JD 2600 5 btm. plow
JD 225 12' offset disc
JD 11' pull-type chisel plow
JD 609 pull-type rotary mower
JD 709 3 pt. rotary mower
JD 1008 10' pull-type rotary mower
JD 51 post driver
JD 1209 mower cond., $6495
JD 1320 disc mower
JD 143 loader, $1595
JD 445 flail spreader, $3725
JD 465 flail spreader, $4295
JD 714A forage wagon
JD 8300 drills 14x7, 18x7 & 21x7
Bushog 5' rotary cutter
Bushog 206 R 6' 3 pt. rotary cutter
Brillion 12' spring tooth harrow
Brillion 16' spring tooth harrow
Transport attachment for Brillion cultipacker

COMBINE SPECIALS
JD 205 corn for JD 40 combine
JD 45 w/10' head & 235 corn head
JD 55 w/210 corn head
JD 4400 w/13' grain head

Waiver of Finance available on all New JD tractors 'till 6-1-82
Call for Details

NEUHAUS'ES INC.
John Deere Sales & Service
RD2, York, PA 17403
Phone - 717-428-1953

General hauling and Skid Loader Work
Hay and Straw and Tobacco and Equipment Hauling
Ivan S. Zook
R.D. 1, Gap, PA 17527
717-768-3052

FOR SALE
8 KW PTO generator on wheels, $950
Schedule 80 PVC pipe 3" & 4" Victaulic couplings.
215-286-9510

FARM EQUIPMENT

CORN FODDER EQUIPMENT FOR SALE
MC 7D Rotary Scythe
MC 5' Corn Chopper
NH 56 & 55 Hay Rakes
NI 5 wheel rake, like new
Farmhand 5 wheel rake
NH 30' Elevator
NH 268 Baler
717-687-6553 or 717-687-8021

PUT YOUR MONEY IN THE BANK

Buy A New IH Tractor From Us Now, Trade In Your Used One And Put Your Money In The Bank Until March 1, 1982

NO PAYMENTS, NO INTEREST CHARGES

RINGTOWN FARM EQUIPMENT

RD 1, Ringtown, PA
717-889-3184

New Tractors At Old Prices

1086 w/cab	584 row crop
786 18.4x38 tires	84 hydro row crop
84 hydro row crop	184 w/mower

Combine

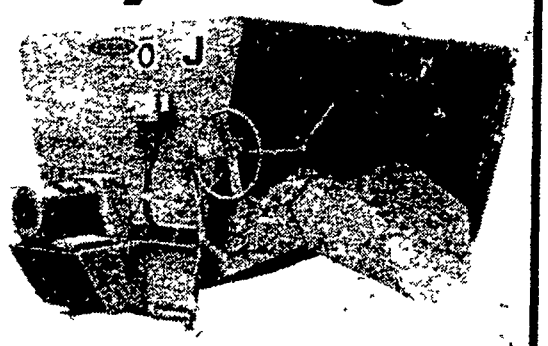
1420 combine w/corn & grain heads.
Waiver of Finance till 9-1-82
$7000 Rebate till 11-30-81
IH Commodity Bonus

New Implements All w/Waiver Dates

800 cyclo planter	5-1-82	770 offset disc 13'8"	3-1-82
5100 grain drill	5-1-82	370 disc harrow 12'	3-1-82
720 5 btm. auto reset plow	3-1-82	401 harrow 12'	3-1-82
720 4 btm. plow	3-1-82	45 Vibra Shank 12'	3-1-82
140 4 btm. roll over	3-1-82	2250 loader	3-1-82

Make every bite right.

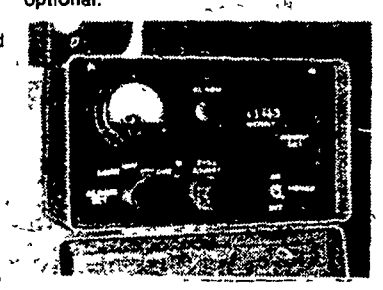
Combine Ensilmixer® feed mixer, with scales, and a Jamesway TMR system.



You can increase production. Reduce feed costs. And improve labor efficiency. All, when you use an Ensilmixer feed mixer, with scales, by Oswalt® to round out your Jamesway Total Mixed Ration (TMR) feeding system (including silage distributor-unloaders, conveyors and cattle feeders). Or, use it with any mechanized feeding system. Whether you prefer the stationary, trailer-mounted or truck-mounted model, it's a real profit-building management tool.

Unique mixing pattern blends feed thoroughly. Three augers move feed from front to back and side to side. Reverse flighting at both ends lets feed fall freely for recirculation or discharge by the bottom auger. Uniformly mixes even partial loads.

Precisely weighs ingredients. Accurate weighing means consistent, balanced rations; eliminates waste. Lets you calculate the amount of feed needed and mix that much. Weigh bar system is standard, electronic scales optional.



That's why the Ensilmixer feed mixer, with scales, and TMR feeding system are right for you as well as your cattle. And, can help make farming just a little bit better. Ask your Jamesway Power Choring dealer.

We Have Models In Stock - Available At:

DEPENDABLE MOTOR CO.

East Main St., Honey Brook, PA
215-273-3131 — 273-3737

BUTLER JAMESWAY **Ensilmixer® feed mixer from JAMESWAY®**

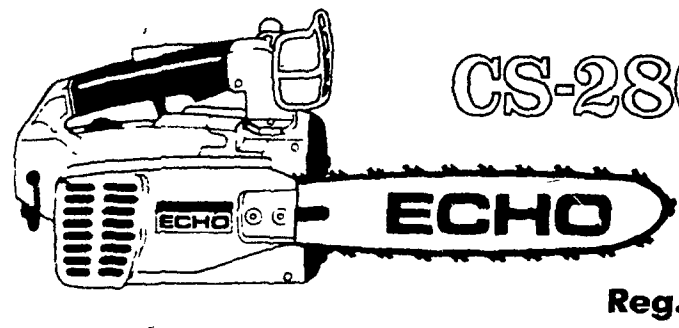
The performance leader ... making the good life better

POCKET THE SAVINGS
During Our CHRISTMAS SALE
December 1 through December 8, 1981

ECHO® CHAIN SAWS

ECHO Sales Representatives Will Be Here On Saturday, December 5, From 8 A.M. to 5 P.M.

CS-280E



Reg. $139.95

With 12" Bar and Chain

SPECIAL **$89.95**

CS-351VL

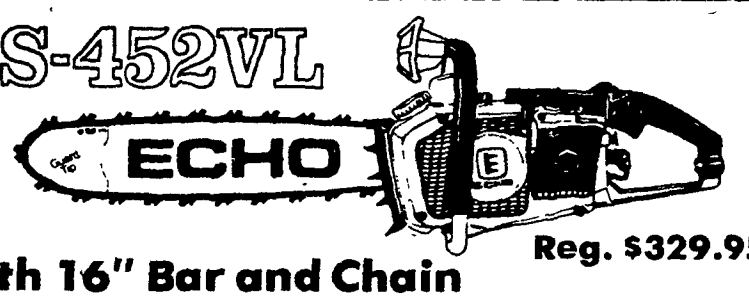
Reg. $269.95

With 16" Bar and Chain

SPECIAL **$199.99**

FREE: Carrying Case & Extra Chain

CS-452VL



Reg. $329.95

With 16" Bar and Chain

SPECIAL **$259.95**

FREE: Carrying Case & Extra Chain

CS-500VL

Reg. $349.95

With 16" Bar and Chain

SPECIAL **$279.95**

FREE: Extra Chain

BUY 1 REPLACEMENT CHAIN FOR YOUR CHAIN SAW, ANY MAKE OR MODEL, AND GET THE SECOND REPLACEMENT CHAIN FOR:

$1

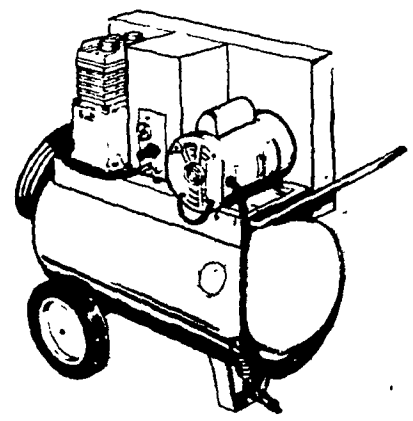
Be sure to bring your old chain along for correct size replacement

SMC
SANBORN MANUFACTURING COMPANY

PORTABLE AIR COMPRESSORS
For The Farm, Home & Shop

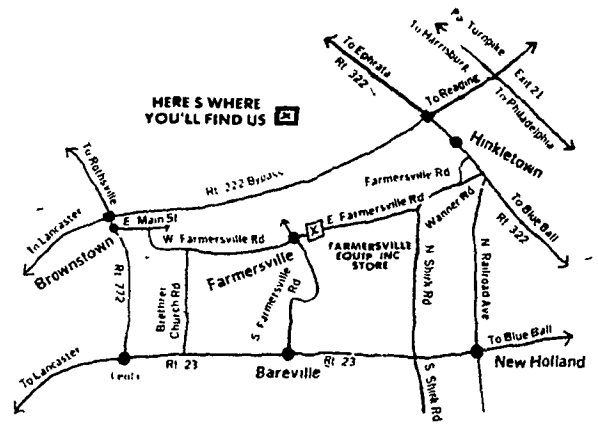
SPECIAL
$249.95
1 HP AIR COMPRESSOR

Our Reg. Price $299.95
- Model 44A100-22
- 22 gal. Tank
- CFM at 40 P.S.I. - 3.0



SPECIAL
$379.95
1 ½ HP AIR COMPRESSOR

Our Reg. Price $449.95
- Model 84A150-22
- 22 gal. Tank
- CFM at 40 P.S.I. - 6.3



FARMERSVILLE EQUIPMENT INC.

See Page B-45 For Details of Our ANNUAL PUBLIC AUCTION SAT. DEC. 5

RD 4, East Farmersville Road, Ephrata, PA 17522
Located in the Village of Farmersville, Lancaster County
717-354-4271
Hours: Mon., Tues., Wed. & Fri. 7:30 A.M. to 5:30 P.M.
Thurs. to 8 P.M. Sat. till 3 P.M.

VISA

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

JOHN DEERE **Nothing runs like a Deere**

USED MACHINERY

TRACTORS:

MF 180D, WFE, New Rubber $7900
Farmall 460 gas, clean . . . $3985
Oliver 77 . . . . . $900
Satoh Beaver 15 hp diesel w/54" mower, 1 yr. old . . . . . ~~$4200~~ Special! $3800
AC 185 diesel, w/cab, 1400 hrs., ... $14,500
JD 720 Dsl. $3900
JD 630, tricycle $3200
JD 60 w/3 pt. hitch $1800
Coming in...
JD 4000 Dsl. WFE w/cab. $12,500

HAYING:

JD 16A chopper $1800
NI 290 mower-conditioner $1800
IH 1190 mower-conditioner. . $4200
IH 440 baler w/thrower . . $2800

FORAGE:

Fox SPF 2RN 6½' Pickup. $6900
Fox 2RN Snapper Head $3500
IH 650 w/2XW - Pick Up . . $1500
IH 555 w/2XW - Pickup . $1400
JD 38 w/2RN $1800
JD 3800 Long Tongue for Parts . . . $1100

COMBINING:

JD 237 MTD Picker . . $1400
JD 42 pull type $1400
JD 40 . . . . . $2900
Oliver 525 self propelled, w/11' grain & 2 row wide . . $6000
JD 444 corn head $5000
JD 6620 side hill w/15 platform $56,000
Coming in...
JD 4400 Diesel

TILLAGE:

Pittsburg 4x16 3 pt. plow. . $550
MF 4x16 3 pt. Plow. $500
JD 310 disc, 12' $4600
White Off-set disc, 11' . . . $4600
JD 350 5/16 reset plow w/cushion coulters. . . $3100
JD 145 5/16 Plow. $1000
JD 950 12' Roller Harrow $2900

PLANTERS:

2 Oliver 540 4 row . . . $600 ea.
JD 1250 6 row plateless w/monitor. $1900
IH Cyclo 4 row no-till $2500
JD 1240 plateless $1200

MISCELLANEOUS:

JD 680 Manure Spreader, 400 bu., like new . . . $5900

WINELAND EQUIP. INC.
RD2 Rte 164 East
Martinsburg, PA 16662
Phone 814-793-2109

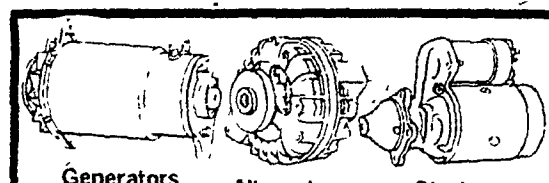
SPERRY NEW HOLLAND

NEW HOLLAND BARGAIN OF THE MONTH

L-35 Skid Loader, rental unit under 400 hrs. full 12 mo. warranty

$9900

M & R EQUIPMENT, INC.
New Park, PA
717-993-2511
717-246-1972



Generators Alternators Starters

We will repair or rebuild your tractor diesel or truck starter, generator or alternator. We can return by UPS. All work guaranteed.

EXPERT REPAIRS
PEQUEA BATTERIES
Ronks, PA 17572

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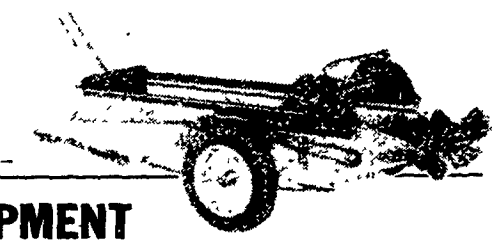
206 GROUND DRIVE SPREADERS IN STOCK



USED EQUIPMENT

TRACTORS

Case 930
Case 1070 D
Case 1370 C-A-H
Ford 4000 G
IH 660 D
IH 1066 Hydro
MF 2135 Turf
AC 7040 C-A-H
AC 7080 C-A-H
DB 1200 D
MM Jet Star 3 diesel

LOADERS

Case 380
1530 Uniloader
Uniloader Broom
1830 Uniloader
1845D Uniloader

UNI-SYSTEM

701 Power Unit
702G w/combine
767 harvester
762 row crop
760 hay pickup
743 N corn head
730 4RW Head

NEW IDEA

Manure Spreaders 212, 213, 214, 224, 218, 224
325/314 picker sheller
323 one row picker
325/327 Picker
329 Super Sheller

FORAGE

Gehl 600 harvester
J.D. 65 blower
N.H. 1880 SP

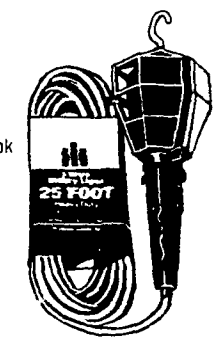
MISCELLANEOUS

Ford 101 plow
Hesston PT 10
JD 12' Disc Harrow
NH Lime Drill
Lilliston 6' Mower

A.L. HERR & BRO.
PARK AVE., QUARRYVILLE, PA 17566 PHONE: 717-786-3521
case AVCO NEW IDEA GEHL BUSH-HOG

Erb & Henry's *Parts Mart Specials!*

Christmas Bell Ringer Sale...

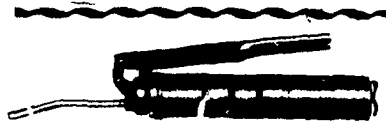


Utility light
3-wire 25 ft cord is oil and waterproof Hook swivels
Special price **$9.95**
Save $1.00

50-ft. extension cord
Ideal for indoor/outdoor use Oil and water resistant insulation
Special price **$10.95**
Save $2.00

12-ft. booster cables
Tangleproof all copper cables Color coded all steel insulated clamps Get an extra set for your car!
Special price **$10.95**
Save $3.55
8 Foot Booster Cables **$4.49**

Special Christmas price ***69¢***
Oil can spout
1131 057 R1.



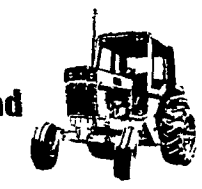
Lever-action grease gun
1131 055 R1
Special $5.98 *Savings $1.47*

Filter wrench
999 550 R1
Special $3.25 *Savings $2.14*

INTERNATIONAL AGRICULTURAL EQUIPMENT

ERB & HENRY EQUIP. INC.
New Berlinville, PA, 1 Mile N. of Boyertown
Phone (215) 367-2169

★ **Waiver of Finance on New & Used Tractors Until 3-1-82 + Cash Rebates Just Announced**



★ **Waiver of Finance on All New and Used Hay and Forage Equipment 'Till 5-1-82**

★ **Waiver of Finance on All New and Used Loaders, Spreaders, Grinder-Mixers 'Till 4-1-82**

★ **Waiver of Finance on All New and Used Planters 'Till 4-1-82**

★ **WAIVER OF FINANCE ON NEW COMBINES 'TILL 9-1-82 OR 13.9% FINANCING. CALL FOR DETAILS**

In Stock and Ready to Go

Used 1460 combine, 900 hrs., excellent cond. Waiver of finance available until 9-1-82!!

New wide front ends for Farmall 06, 26, 56 Series

1460 at 1980 ~~Price~~ SOLD — WE WILL BEAT *ANY* PRICE ON ANY COMPETITIVE MACHINE
1440 & 1420 $7000 cash rebate

NEW IH 720 AUTOMATIC RESET PLOW w/COLTERS, 5 BTM. 20"
Sale Price $6700
AN UNBEATABLE DEAL

New Tractors in Stock at Reduced Prices

3388 MUST SELL. Call for price
986 w/cab
686 Farmall
784 row crop
584 row crop
H84 row crop

IH SHIPPER'S TWINE
"Finest Twine You Can Buy !!"
Was $28.50
NOW $24.85

NEW CUB CADETS IN STOCK AT REDUCED PRICES.
782, 582, 382, 282 & 182.

UPS United Parcel Service

M & R EQUIPMENT, INC.
NEW PARK, PA
Ph: 717-993-2511 - 717-246-1972
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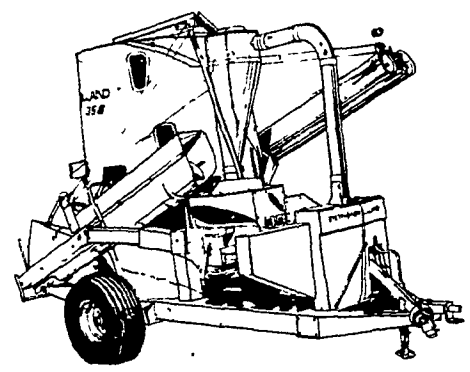
FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

MESSICK FARM EQUIPMENT

PARTNERS in AGRICULTURE

See The NEW INTERNATIONAL SERIES 88 TRACTOR

Waiver of Finance on all AG TRACTORS till MARCH 1, 1982



NEW HOLLAND MODEL 358 OFFERS BIG CAPACITY.

If you're in the market for a new grinder-mixer, check out the Model 358 from Sperry New Holland. Special tank design practically eliminates bridging, no matter what crop you're grinding.

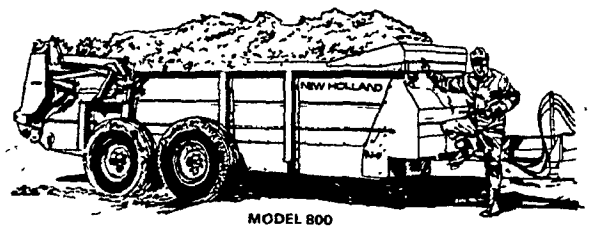
Check these features:

- 125-bushel tank
- 21-inch hammermill
- 540-or 1,000-rpm drive
- Mechanical or hydraulic drive

The "358" also available with power bale feeder plain feed chute.

SPERRY NEW HOLLAND

A GIANT SPREADER FROM THE SPREADER GIANTS



MODEL 800

Think of the time and trouble you'll save with this giant spreader working for you.

- The largest pull-type spreader on the market.
- ASAE rated at 570 cu. ft. heaped volume.
- Hauls up to 14 tons per load.
- Extra-long hitch accommodates large tractors.
- Double apron is driven by a worm gearbox.
- Patented beater design creates an extra-uniform spread.
- Factory installed brakes are available.

SPECIAL NEW HOLLAND MODEL 800 HYDRAULIC ENDGATE, TOP BEATER, SPLASH GUARD, CYLINDER & HOSES, FINE PAN

CHECK OUR SPECIALS on SKID LOADERS and SPREADERS

SIX SKID LOADER MODELS TO CHOOSE FROM: 22 HP to 62 HP, Gas or Diesel

USED N.H. L425 SKID LOADER
Excellent Condition, Low Hours.
Only $8995.00

GOOD CLEAN USED EQUIPMENT

NH 519 Spreader, Hyd. Gate, Ex. Cond.
NH 510 Spreader
NI 214 Spreader w/Tailgate, Excellent, 2650.00
NH 362 Tank Spreader, $1595.00
Badger 180 Spreader, $1200.00
Several Used Cub Cadets
IH Model 234 Mtd. Corn Picker
NH 770 R2 Corn Head
NH Self Propelled 818 Diesel Harvester
IH 650 2 Row Cornhead and Pickup Attachment
Twin Rower to Pull 2 Rakes
IH 37 Baler w/Thwr.
NH 275 Baler w/Thwr.
NH Model 850 Round Baler, $5395.00
NH 489 Haybine, Ex.
NH Model 495 Haybine, 12 ft. ex. cond., $4850.00
NH 276 Baler w/58 Thwr.

LOOKING FOR A CLEAN USED TRACTOR? Check This Listing And Give Us A Call

- IH 454, 3 pt. hitch
- IH 574 D
- IH 656 with New Engine
- Farmall M
- Ford 3600 with Cab, 80 Hours, New Cond.
- Oliver 77

1200 Gal. Aluminum Sprayer Tank
JD 494A, 4 Row Planter. $975.00
JD 10 Ft. Cult. Mulcher
JD 12 Ft. Cult. Mulcher
JD 1209 Mower Conditioner
IH 7 ft. Sickle Bar Mower, Good Condition
Oliver 3 Bottom Plow
IH 531 Plow
IH 9A Disc Harrow
JD KBA Transport Disc Harrow
Ford 8' 3 pt. Disk Harrow
Grove Forage Box Wagon, Ex. Cond., $1350.00
NI Hay Rake, $650.00
For 3310 Harvester, Super Excellent Condition
IH Model 510 16x7 Grain Drill, Ex. Condition
Skid Loader Trailer, Tandem Axle With Brakes & Lights, $1250.00

MESSICK FARM EQUIPMENT, INC.

VISA

RHEEMS EXIT - RT. 283, ELIZABETHTOWN, PA
PHONE: 717-367-1319, 653-8867
WARREN SPICKLER — HOME 653-4560 RAYMOND MILLER — HOME 653-8762
★ WE SHIP UPS

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

USED EQUIPMENT

Ford 3600 8 sp. diesel, w/730 loader
Ford 6700, 16 speed
(2) Ford 9000, Both Very Good
Ford 7600, 1400 hrs., excellent
Owatonna 1700 Skid Steer Loader New Short Block, very good
Several good semi mount. plows
Ford 9600 cab, air and duals
Ford 881 diesel w/loader

Ford Tractors Equipment

DUFFY FORD TRACTOR, INC.
Rt. 404-½ mile East of Rt. 50
Wye Mills, MD
301-820-2000

FOR SALE

MF 1085
MF 1130 w/duals
MF 763 combine, 6 row 30" corn head, 15' grain table
Case 1370
MF 180 diesel
AC 190XT
Farmall 966
JD 4020
MF 321 corn head

L & M BURKHOLDER
Ephrata, PA.
717-859-2960
717-859-2712

INTERNATIONAL® AGRICULTURAL EQUIPMENT

NEW TRACTORS IN STOCK

5288 w/C&A 3 Valves & Radials & 160 hp.
3688 w/Cab & Air 18.4x38 Tires, 110 Hp.
(2) 1086 w/C&A 20.8x38 Tires, 130 Hp.
886 w/ROPS 18.4x38 Tires, 90 Hp.
(2) 784 RC w/18.4x30 Tires 67 Hp.
584 RC w/16.9x30 Tires 52 Hp.

ALL TRACTORS WAIVER OF INTEREST 'TILL 3-1-82

NEW EQUIPMENT SPECIALS

IH 1250 Grinder/Mixer ~~$7380~~ $6100
IH 595 Spreader, 451 Cu' ~~$8287~~ $6950
IH 560 Spreader, 289 Cu' ~~$4961~~ $4175
IH 550 Spreader 249 Cu' ~~$4845~~ $4100
IH 540 Spreader 210 Cu' ~~$4235~~ $3650
IH 2250 Loader w/Bucket ~~$3621~~ $2975

WAIVER OF INTEREST 'TIL 3-1-82

NEW TILLAGE EQUIPMENT SPECIALS

IH 510 4-18 Plow $4250
IH 510 5-18 Plow $4650
IH 720 5-18 Toggle Plow $6200
IH 720 6-18 Toggle or Land ... $8250
IH 475 12' Disc w/Cyl. $4550
IH 475 17'8" Folding Hyd. w/Cyl. $7250
IH 490 20'6" Hyd. Fold w/Cyl. . $9500
IH 415 Packer Mulcher 12'2" 19" Packers w/Cyl. $4950
IH 5500 9' Mt. Chisel w/Gauge Wheels & HC. $1950
IH 6010 10' Con.-Till w/Cyl. $3850

WAIVER OF INTEREST 'TILL 3-1-82

USED TRACTORS

IH F 544 Diesel w/WF end and 3 pt. hitch $6850
2-IH F-M Any price range
IH 574 Gas 1295 hrs., nice. $6150
IH F 300 Gas w/2 pt. $1750

WAIVER OF INTEREST 'TIL 3-1-82

USED CORN HARVESTING & COMBINE EQUIPMENT

IH Sheller for 234 Picker $950
IH 76 Pull Combine. $650
Fox 1 Row Corn Head for a 546 . $150
IH 2 Row Corn Head for IH 650 . $250

USED HAY EQUIPMENT

IH 990 9' mower conditioner .. $2350
IH 37 Baler w/thrower $1800
IH 15 Rake $375
NH 479 9' Haybine $1500
IH 27 Baler w/thrower $1500
NH 56 Hay rake $750
IH 430 Baler w/thrower $2650
Van Dale Forage box and chassis. $1250
Gehl 72 6' Flail Chopper... Coming In
NH 7 Forage Wagon $1650

WAIVER OF INTEREST 'TILL 5-1-82

USED TILLAGE

IH 510 4f 16" nice w/cylinder. $2150
IH 720 6f 18" like new w/cylinder, toggle trip. $6500
MF 4f 14" $300

WAIVER OF INTEREST 'TILL 3-1-82

USED SPREADER AND MISC.

IH 530 Spreader. $1350
IH Wagner Loader w/buckets ... $450
IH 550 w/new apron $2250
Century 300 Gal. Sprayer $650

WAIVER OF INTEREST 'TILL 3-1-82

USED PLANTERS AND DRILLS

IH 400 6 row 30" real nice $5950
JD 494 4 row shoe $400
IH 56 2 row real nice $1250
IH 400 4 row 38" $2500
JD 494 A w/new hoppers $1350

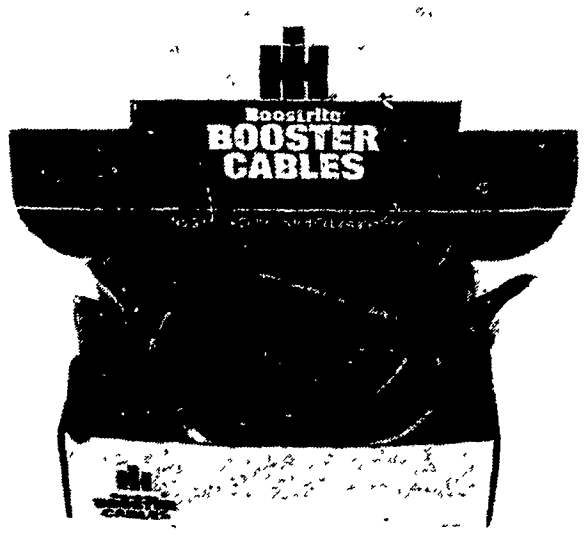
WAIVER OF INTEREST 'TILL 5-1-82

MIFFLINBURG FARM SUPPLY, INC.

East Chestnut St., Mifflinburg, PA 17844
Phone: (717) 966-3114
Evenings - 717-524-2924 - Frank Saner

There's room under your tree for these Fine Gifts

A splendid way to play Santa... with battery booster cables



With heavy duty clamps, 549 087 C92

Special $10.95
Savings $3.55

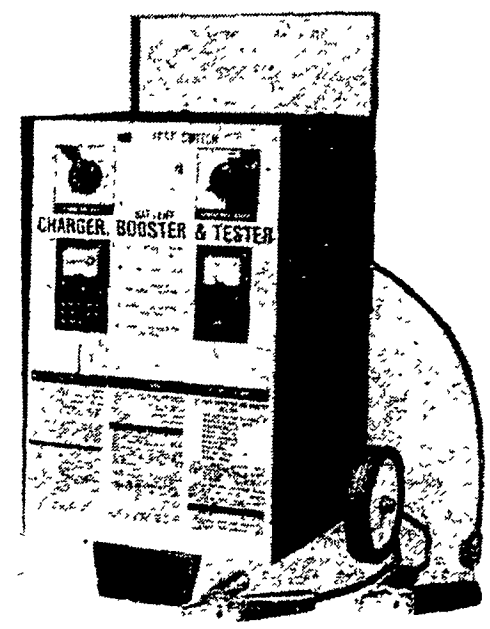
With larger mechanic's clamps, 549 293 C92

Special $16.49
Savings $5.51

Features of both sets:

- Both sets have clamps that can be used on top or side posts.
- Color coded no-tangle 12-ft. cables and clamps.
- Copper plated steel jaws.
- Insulation flexible to 70° below.
- All copper wire for better conductivity.

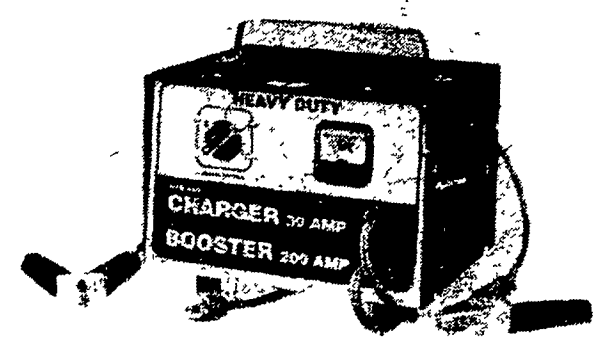
IH battery chargers: Starting power for every need!



80-amp battery charger, booster and tester

- Charges to 80 amps, boosts to 300 amps.
- Tests alternators, battery charge; 7 other tests.
- Exclusive dual meter design.
- Timer.
- Rugged construction.
- Part number, 1131 855 R1

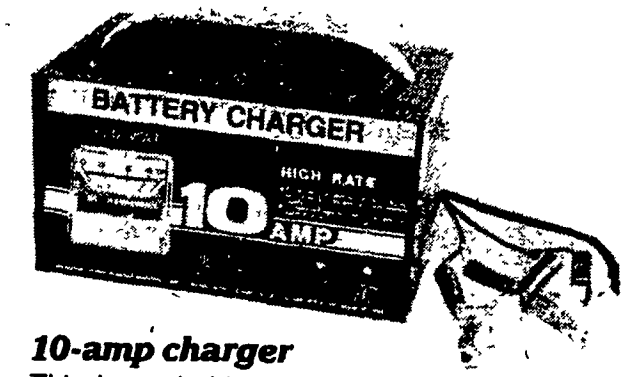
Special $189.95
Savings $81.74



30-amp heavy-duty charger and booster

Fast charge delivers 30 amps, slow charge 5 amps. Booster up to 200 amps. 407 391 R92.

Special $99.95
Savings $41.31

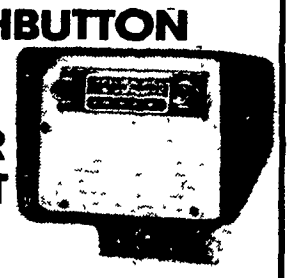


10-amp charger

This household and utility 10-amp charger is an excellent choice for home and farm. 407 389 R92.

Special Price $44.95
Savings $14.79

AM-FM PUSHBUTTON RADIO FENDER MOUNT



Features included heavy duty ABS rust resistant housing, heavy duty 18-gauge inner housing. AM-FM radio bands, solid state construction for instant play, large 4x8 speaker, complete hardware and instructions for easy installation. Also included are accessory packages for external antenna application 1131 878 R1

Savings $22.55

SPECIAL **$114.95**

UTILITY LIGHT

Handy for hundreds of uses, this light features directional swivel hook, vented high heat polypropylene bulb guard, safety switch button guards with built-in three-wire grounded outlet, comfortable finger grips, 25-ft cord 1131 503 R1

Savings $1.00

SPECIAL **$9.95**

EXTENSION CORDS

First quality cords are engineered for safety and long life. They have molded plugs, the insulation is water and acid resistant, and they remain flexible in cold weather. 25-ft., 3-wire flat cord 1131 498 R1

Savings $1.26

SPECIAL **$4.69**

50 ft., 3-wire round cord. 1131 501 R1

Savings $2.00

SPECIAL **$10.95**

7-PIECE SCREWDRIVER SET

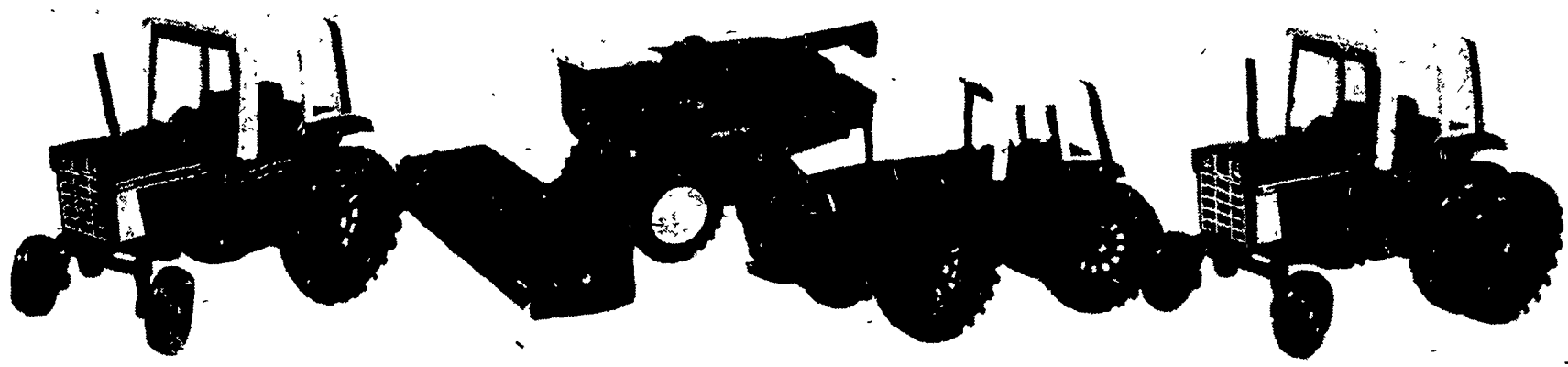
Includes 4" round blade, 6" round blade, 8" round blade, No. 1 Phillips, No. 2 Phillips, stubby screwdriver, pocket screwdriver, plastic tray 999 355 R1

Regular $21.24
(Total individual piece price)

SPECIAL **$10.99**

Savings $10.25

Fun Gifts For The Future Farmers In Your Family



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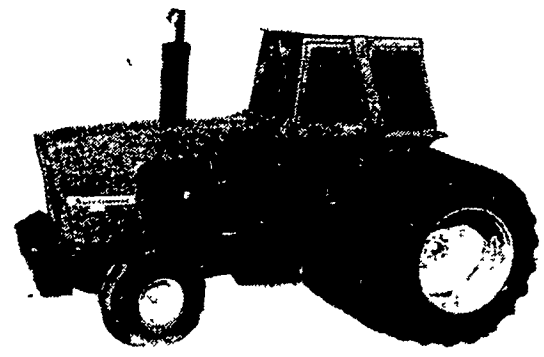
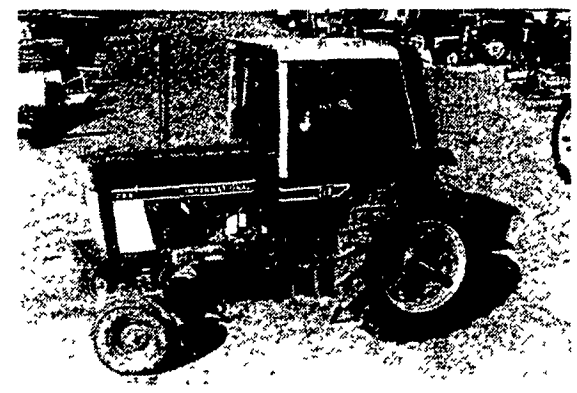
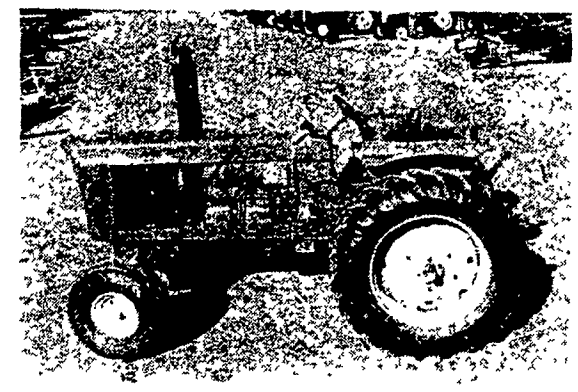
NO PAYMENT UNTIL 4-1-82



Allis-Chalmers 7060D w/Cab & Air, Dual 20.8x38

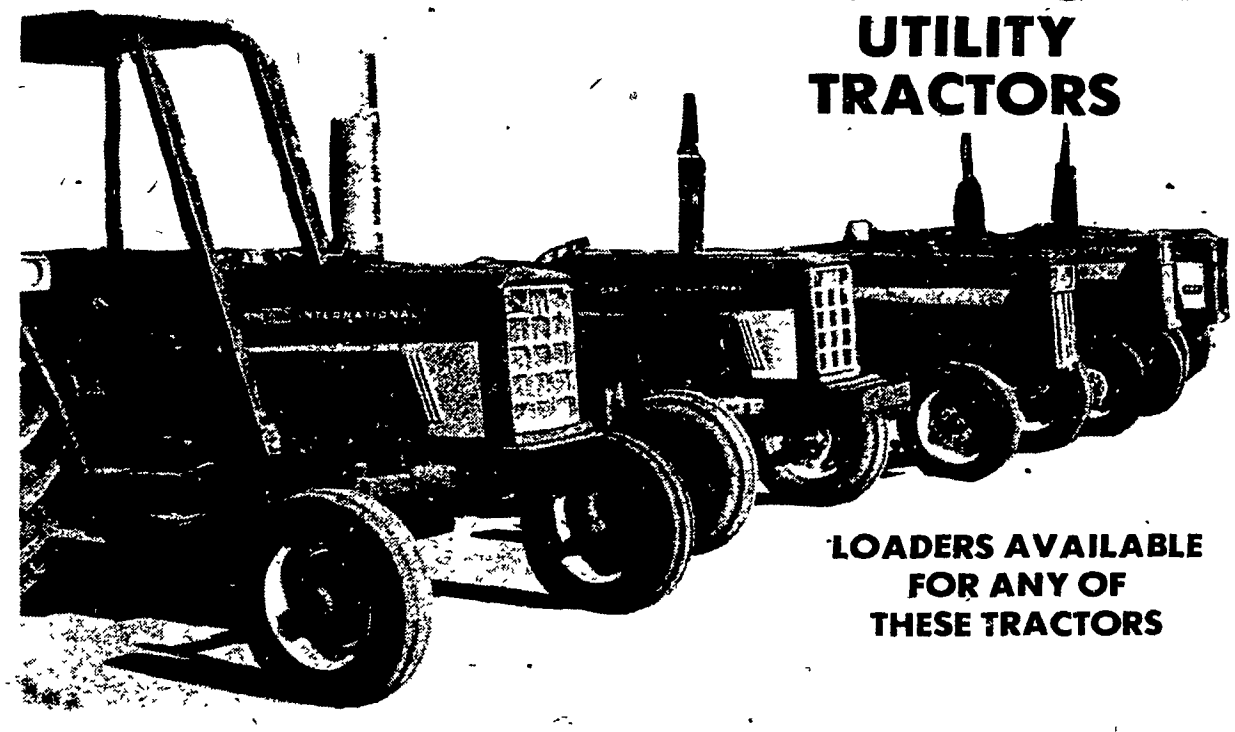


IH - F886D w/cab & air, 18.4x34 tires, excellent, 1000 hours.

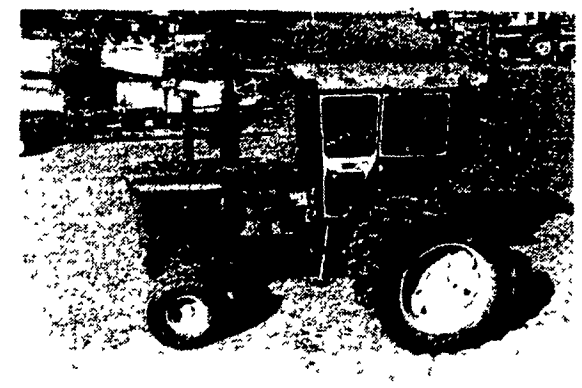


John Deere 4620 Diesel, 20.8x38 Tires

CHOOSE FROM ANY OF 6 EXCELLENT RECONDITIONED UTILITY TRACTORS



LOADERS AVAILABLE FOR ANY OF THESE TRACTORS



John Deere 4620 Diesel, Cab w/air, Dual 20.8x38 Tires

FOR MORE RECONDITIONED TRACTORS SEE LIST BELOW

USED TRACTORS

6432 IH F1586D w/Cab
6561 IH F1566 w/Cab
6594 IH 4366 4WD
6580 IH F1086D w/Cab
6530 IH F1066D w/Cab
6180 IH F886D w/Cab
6452 IH F806D
6879 IH F686D, 986 Hours
6186 IH F656D Hydro
7073 IH 1574 Gas Utility
6998 IH 1574D Utility
6702 IH F544D Hydro
7080 IH F560G
6999 IH 1444 Diesel Utility
6687 IH Farmall H
7059 IH Farmall M
7058 Steiger ST-251 Cougar III, 326 Hours
6510 Ford 4000 Su Diesel Utility
6526 IH 125 C Crawler Loader
7009 Deere 4630 Duals & Cab, 1605 Hours, Powershift
6757 Deere Model A
7025 Deere 4620
7061 Case 430 Diesel
7027 Case 1170 w/Cab
6974 AC 7060 w/Cab, Duals, 1125 Hours
7078 IH F1066D
7168 IH F1066D
7180 IH F856D w/Cab

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UNTIL 9-1-82
ON ALL NEW & USED COMBINES
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6898 IH 715 Diesel Hydro, 1979, 300 Hours, Air Monitor, Straw Chopper, 4 Row Narrow Cornhead
5373 MF 300 w/2 Row Cornhead 13' Platform
6098 NH 975 Gas w/2 Row Cornhead & 13' Platform
7098 1978 New Holland TR-70 780 Hours, Ford Diesel Engine, Gear Transmission, Air, Straw Chopper. 4 Row Narrow Cornhead & 15' Platform
7093 1979 New Holland TR-70 823 Hours, Ford Diesel Engine, Hydrostatic Transmission, Air, Straw Chopper, 4 Row Narrow Cornhead & 15' Platform
5742 1976 IH 915 Hydrostatic, Diesel, 1000 Hours
6978 1975 AC Gleaner FKS Diesel Engine, 438 Cornhead & 13' Platform

USED CORNHEADS

6836 IH 883, 8RN
5966 IH 844, 4RW
7064 IH 863, 6RN
6474 IH 844, 4RW
5817 IH 744, 4RW
9493 IH 744, 4RW
4147 IH 744, 4RW
4221 NH 4 Row Wide (Late Model)
3641 AC GKS 44
5887 AC 6 Row Narrow, L

USED GRAIN HEADS

7062 IH 820 Flex 17½'
6803 IH 820 Flex 15'
6899 IH 820 Flex 13'
5799 IH 810 Flex 15'
4639 IH 810 Flex 15'
7000 IH 810 16.5'
5524 IH 810 15'

USED DISK HARROWS

6033 A/C 4500 20' Offset Disk
5001 A/C 16' Disk
4969 Miller 12' Disk, Rebuilt
5393 MF 18' Offset Disk
6651 Deere 210 Disk 12'
6449 Krause 1428 Rock Flex 25'
6021 Krause 1928 Rock Flex 25'
5828 IH 470 21' Disk
5440 J.D. KB Disc Harrow
5538 Pittsburgh 10' Disk w/cyl
6025 Dunham 12' Packer
6720 Sunflower H2 - 14' Disc offset
6798 IH 350 Disc
6660 IH 370 Disc
6533 Oliver 252 Disc
6918 IH 350, 12' Disc
6535 JD 310, 12'

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International 706 German diesel, 3 pt, wide front end. Call 814-793-4293

FARM EQUIPMENT

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FARM EQUIPMENT

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FARM EQUIPMENT

MF 510 combine with quick attach, 13' grain head, 4 row narrow corn head, good condition Lancaster Co., PA /1/ 284 2761

FARM EQUIPMENT

Largest selection of ERTL toys at Wenger's We trade your toys in Also new pedal tractors We trade yours in /1/ 866-2130

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For Sale Late model Brillion transport harrow 16 w/foldup wing in good condition $1195 /1/-367 1319 or /1/-653 8867

FARM EQUIPMENT

MF Super 92 combine equipped for Clover seed or grain. Has only done few hundred acres. Lancaster County /1/-529-2723

MWM murphy DIESELS

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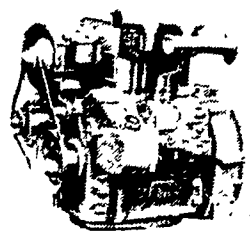

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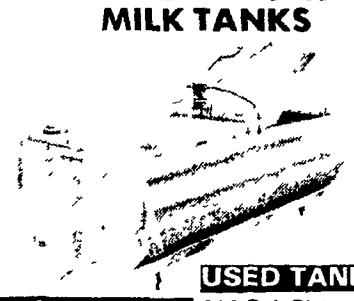

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USED TANKS:
300 Gal Girton
400 Gal. Girton
300 Gal Sunset

■ FRICK, COPELAND and TECUMSEH COMPRESSORS

■ EGG ROOM COOLERS, KOLD-HOLD PLATES or BLOWER COILS

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IH 674
IH 656
IH 606
IH 574
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IH 434
IH Super MTA

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Gehl #M6
Bobcat M600
JD 70

TILLAGE
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IH 735 5x18 Plow
IH 700 4x16 Plow
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Kasco Chisel Plow
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IH 311 3x14 Plow
IH 45 Vibra Tine Cultivator
MF 4 Row Cultivator

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IH 400 4 Row no-till
JD 1240 Row
IH 449A 4 Row
JD 290 2 Row
IH 56 4 Row

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IH 46
NH 269
NH 69

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IH 830 3R Head and Pickup
IH 650 2R Head and Pickup
Fox 3000 2R Head and Pickup
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Gehl BU 85
AC
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IH 990
NH 479
Hesston 1014
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NI 270

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Ford 14-9B Sickle Bar
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705 w/Super Chopper and 3R N.C.H. and Hay Pickup
702 w/Combine
NI 744N Corn Head

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NI 324
Oliver #5
IH 234

COMBINES
IH 205
IH 303
IH 715

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NI 213
NI 214
NI 17 Ground Drive
NH 676
IH 580

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IH 2000
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Kasten	Lamco	Dion
Arts Way	IH	Badger
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AC FKS-2 Gleaner Combine, Diesel, 13' Grain Head, Hydrostatic Drive
NI 702 Tr. w/717 combine w/713 S-13' header
IH 315 Combine w/13' grain head & 2 row cornhead
AC C Gleaner w/440 cornhead
(1) MH 82 SP Combine 13' header
2 - MF QT 24 2 row cornhead
NI 728 4-Row Narrow Cornhead

Used Manure Spreaders
NI 244 Manure Spreader w/hyd. end gate (1 yr. old)
NI 224 Manure Spreader (350 bu.)
NH 676 Manure Spreader (275 bu.)
NI 214 Manure Spreader w/3 beater & hyd. end gate
NI 214 Manure Spreader w/single beater & hyd. end gate
NI 214 Manure Spreader w/flail beater
207 Hawkbilt Tank Spreader

Used Tractors
AC 7000 w/cab & Air
AC 5050 w/220 hrs.
AC D15 Tractor
IH 450 Tractor

New Corn Pickers
325/327 2-Row Narrow
324/327 2-Row Wide
323 Single Row

Used Corn Pickers
1 - 324/327 2 row wide picker
1 - 323 Single Row Picker - SOLD
1 - 729 Uni Sheller
1 - Uni Husker w/702 tractor, 727 husker & 723 2 row head
1 - 726 Uni Husker

Misc. Used Equipment
Hesston 310 self propelled haybine
NI 279 Cutditioner
JD 38 Harvester w/2 row wide & pickup
JD FB17 Grain Drill single disk
Brillion 14' transport harrow
NH Super 717 Harvester w/2 row cornhead
767 Uni-Forage Harvester
Int. 2000 Front End Loader w/fork

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In Stock - Priced To Sell!
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AC 5050 51 h.p.
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AC 7010 w/cab & air & power shift
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AC 7060 w/cab & air & power shift

NI 1500 Gal. Vacuum Tank Spreader **$5,595.00**	AC 2500 15' Fold Disc Harrow **$6,395**
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2-605F Balers, special price
4-504F baler, special price
1-504G baler, special price
1-MC 9 mower-cond., $6250
3-F100 bale feeders, $2495
1-500 gpm irrigation system, mobile equip., soft hose, ½ price - $7400

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2 - Haybuster model no. 1068 no till semi-mtd. grain drills
1-Tye 3 pt. no till drill
1-Bale Buster for mulching lg. round bales

MISC. NEW EQUIP.

4 - Kelly log splitters
2-3 pt. 2-engine drive
2 - 600 lb. fert. spreades, $320
1-1450 lb. fert. spreader, $780

LAHMAN SKID STEER LOADERS

1-30 hp, 2 buckets, $8000
1-23 hp, 2 buckets, $6200

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20% off 1981 prices

1-PTO tedder-rake
3-5 wheel 3 pt. hitch rakes
1-6 wheel trailer rake
2-8 wheel -V- rakes
2-2400 lb. fert. spreaders
2-1900 lb. fert. spreader
2-950 lb. fert. spreader
1-600 lb. fert. spreader
1-8' 3 pt. hitch disc mower

USED & DEMO EQUIP.

1-Vicon 15' power harrow, demo
2-Vicon 8' mower-conditioners, used
1-Vicon 8' mower-conditioner, demo
2-Lely tedder rakes, used
1-Badger manure souper, 10', demo
2-used NH balers
1-SP Hesston windrower

1-605C Vermeer Baler
1-605D Vermeer Baler
1-605E Vermeer Baler
1-605F Vermeer Baler
2-504F Vermeer Baler
1-504G Vermeer Baler Demo

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We have blocks cranks and heads in stock from tractors we have salvaged which have been reconditioned by the most precision oriented machine shop in the county We do not sell weld-repaired parts If you want new quality parts at a used parts price, we can help you Parts are sold w/a 90 day replacement warranty.

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Combines IH 203 JD 30 & 55, MF 35 Uni 701 702 & 705 tractors, also 710 combines & 727 & 737 huskers MF 510 G Quick Tach
Corn Heads - IH 429 WN, 430 228 227 328 WN

Parts shipped direct thru UPS & Parcel Post at No Extra Charge To Retail Customers

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- (2) 584's At Old Price!

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Waiver of finance till May 1, 1982

SP Windrowers
Mower Conditioners
Square Balers
Round Balers
Rakes
Ag Mowers
Forage Harvesters

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730 Vari-Width Plow, 5 Bottom
145 3 & 4-Bottom 18" Rollover, Auto Reset
496 Disc Harrow, 19'1", 9" Spacing (New Model)
501 Disc Harrow, 12'5" - Old Price!
315 Packer Mulcher, 20' Folding, Old Price! (1 left)
415 Packer Mulcher, 13', 12' & 10'
5513 13' 3 Pt. Chisel (1 left)
4500 Field Cult., 12' to 21' Folding
5100 Grain Drill, 16x7 Combination
5100 Grain Drill, 16x7 Plain
5100 Grain Drill, 18x7 Plain

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- To 9/1/82 on New & Used Combines Plus $7,000 Preferred Customer Rebate on Model 1420 Combine
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- To 3/1/82 on Soil Preparation Equip.
- To 5/1/82 on Hay Equipment
- To 9/1/82 on Forage Equipment
- To 3/1/82 on Materials Handling

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- Model 131 11'6" Flex Disc
- Model 131 12'5"
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400 Gal. Stainless Steel John Blue Trailing Sprayer
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2250, 2350 & 2450 Loaders
1250 Grinder Mixer
1350 Grinder Mixer
530, 540, 550, 560 & 575 spreaders

No. 14 5-Shank Auto-Reset
SUB-SOILER
2 In Stock...Waiver to March 1, 1982
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MUST SELL!
- With 12 Ft. Head

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- Waiver till May 1, 1982

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Case 580B	$11,500
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Cat D6, hyd.	$6500
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JD 450	$9500
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Cat 955H 60A	$12,500
Cat 977H w/ripper	$18,500
Cat 933G, good	$9,500
Cat 933	$6500
IHC 4340 w/ripper	$7200
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AC HD5	$3450
AC HD6G runs and operates	$4000
Case 1150 4-in-1 bucket	$6000
Case 350	$7500
Case 450, good	$9500
Case 750, good	$10,000

SKID STEER LOADERS

JD 24	$4800

GRADERS

Huber Wargo Dsl. w/Cab	$5000
Galion 118 Dsl w/cab	$6500

ROLLERS

Fordlane Paver, ex cond	$3100
3 Ton Tandem	$2000
1 Ton Roller	$2000
1 to 3 ton Virbra-Pac	$3400
1 to 3 ton Virbra-Pac	$2800
3 to 5 ton Huber Tandem	$5000

TRAILERS

1979 CMI Folding Hydr. Gooseneck 30 ton	$29,500
9 Ton Tag-Along	$1400
9 Ton Tag-Along	$2000
9 Ton Tag-Along new heavy duty	$5100
12 Ton Tag-Along	$2000
12 Ton Tag-Along	$2750
15 Ton Gooseneck, S.A.	$3500
25 Ton Lacross T/A	$5500
Approx. 1½ Ton Tandem Axle Tilt Trailer w/winch	$1200
1 Ton Roller Trailer	$800
New Trailers - All sizes and prices	Call

TRUCKS

1975 Dodge ¾ ton 4x4 clean	$3500
1965 Int. Dump S.A.	$3200
1956 White 18' bed S.A.	$1800
1967 GMC ¾ ton w/utility box	$600
1970 Chevy w/20' bed S.A.	$2500
1975 Plymouth Fury 6 cyl.	$2000
1973 Buick Riviera	$1500
1969 Ford sgl. axle dump, good	$6900
1965 Ford ¾ Ton	$450
Int. Scout 4x4 w/plow	$800
Int. Tandem Axle Dump	$4250
B61 Mack Dsl., single axle truck tractor	$3500

AIR COMPRESSORS

LeRoy 105	$3500
Jaeger 105	$2000
Chicago Pneumatic 125, O.H.	$3000

WHEEL LOADERS

Hough 70, 4x4 3 to 4 yd. good	$14,500
Hough 30, 1 yd. good	$5200
Nelson 4x4	$3750

MISCELLANEOUS

MF 180 Tractor	$6850
Ford Corn Planter 2 Row 3 pt.	$450
16' Dump Box	$1250
16' Dump Box good	$2450
5 ft. Rotary Cutter new	$495
Pavement Breaker 90 lb	$350
Assorted Loader Buckets	
6 ft. Angle Scraper Blade 3 pt	$175
Myers Snow Plows Electric/Hydraulic/Angle	$1000
17' Dico BlockUnloader, Complete	$2500
Davis Trencher w/Backhoe 30+4	$7500
Davis Trencher 30+4	$5000
Davis Trencher 300+	$3000

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Oliver 12" and 14" Plows
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MC 1 row cultivators
Garden Shovel Harrows
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Ground Drive Fertilizer Spreader

Plateless Units Mounted on Any Kind of Corn Planters

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1 - Real Good Lely Fertilizer Spreader available
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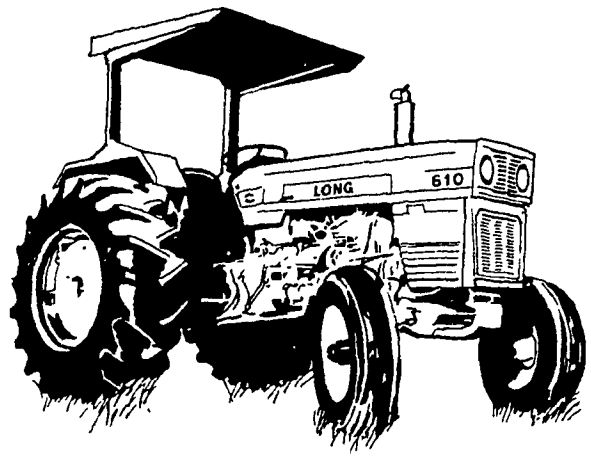

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Wednesday December 9, 1981
9 A.M. - 6 P.M.

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Free case of 4 1-gallon containers of Long Oil with each Sale of A LONG TRACTOR

Model No.	PTO H.P.	Tire Variable	Suggested Retail Price	SALE PRICE
260-C M.S	24	5.00x15/12 4x24	$6,615 00	$4,424.00
260-C P.S	24	5.00x15/12 4x24	7,236 00	4,795.00
260 M S Std	24	5.00x15/12.4x24	6,615 00	4,424.00
260 P S Std.	24	5.00x15/12.4x24	7,236 00	4,795.00
310 M S	28	5 00x15/11.2x28	7,095 00	4,851.00
310 P S.	28	5 00x15/11 2x28	7,717.00	5,222.00
310-DT P S	28	9 50x16/13 6x24	9,083 00	6,259.00
360-C	35	5 00x15/12.4x24	8,288 00	5,671.00
360	35	6 00x16/13 6x28	8,856 00	6,043.00
460	41 9	6 00x16/14.9x28	9,855 00	6,336.00
460 shuttle	41 9	6 00x16/14 9x28	10,866 00	6,954.00
460-V	41 9	5 00x15/11 2x28	9,127 00	5,864.00
460-DT	41 9	9 5x20/14 9x28	12,773 00	8,494.00
510	48 5	6 00x16/14 9x28	10,544 00	6,741.00
510-DT	48 5	9 5x20/14 9x28	13,638 00	8,749.00
510-S Crawler	48 5		14,620.00	7,750.00
610	64	7 50x16/16 9x28	12,423 00	8,204.00
610-DT	64	9 5x20/16.9x28	15,656 00	10,099.00

P.S. Hydrostatic steering /M S. Manual Steering / C Compact / DT dual traction 4 wheel drive V Vineyard/ SUGGESTED SALE PRICE INCLUDES Base Tractor, Wheel variable, 12 volt battery variable Prices FOB Tarboro, N.C.

Backhoe Sale 5-N-1 Super II reg price $34,179 00 sale price $22,545.00 16 [illegible] 11 00x16 18 4x24 tires 8 cu ft backhoe bucket roll bar 1 cu yd loader bucket quick change carriage

1199B backhoe 24 bucket suggested price $7,355 00 Sale Price $4,155 00

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IHC 820 15' Flex Head, Like New

COMBINES
Minn. Moline w/Sheller & 2 Row Corn Head
1974 JD 4400 Dsl., Cab & Air, Choice of Heads
1972 JD 6600 Diesel, Cab, Choice of Platforms
JD 3300 Cab and Air, choice of 10' or 13' Grain Platform
Gleaner F w/Cab, Grain Saver, 13' Grain Table, 4 Row Narrow Corn Head, Very Nice
GOOD SELECTION OF GRAIN PLATFORMS AND CORN HEADS - TO FIT MOST COMBINES

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JD 4430 D. Cab, Air, Quad Range w/20:38 Tires
JD 4430 4 Post RG, Quad
JD 4320 Dsl. RG Cab
JD 4230 D, Cab, Air & Quad
JD 4230 Dsl.
JD 4000 Dsl. WFE
JD 4020 Dsl. WFE
JD 3020 Dsl. WFE Power Shift
JD 2030 Dsl. RG, 15.5 & 38 Tires
JD 1530 Diesel
JD 300 Dsl. w/Loader 3 Pt
JD 820 Diesel Utility 500 Hrs.
JD 730 Diesel Very Nice
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IHC 1466 Dsl. Cab, Air, Dual PTO
IH 1256 D WF
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IH 1066 Dsl. WF Very Nice
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IH 766 Dsl. WFE
IH 856 D., WF, w/Turbo
IH 856 D. WF w/Fast Hitch 38" Rubber, Very Nice
IH 826 Wide Front
IH 806 Dsl., WF
IH 706 D., WF, German Engine
IH 574 w/2050 Loader
AC 200 WFE & Cab
Oliver 2255 Cab & Air Very Nice
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JD 346 Wire w/Bale Chute or thrower
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NH 357, Exc. Co(SOLD)
NH 355 (SOLD) Equipped New $4850
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CORN HEADS
MF 24 & 43
AC F430, G430, C#430
AC KF330
JD 243, 244, 343, 443, 444, 643

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Pull Type
JD 300 2 Row 30" or 38" corn heads available
NI 325 NR w/Sheller
NI 324 WR w/12 Roll Husking Unit

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IHC 710 4x16 sp. reset
IH 540 4x16
IH 550 5x16
IH 710 5x16 spring reset
IH 710 4x18 spring reset
IH 720 6x16 spring reset
JD 1450 5x18
JD 2500 5x18 sp. reset
JD 350 5x16 hyd. reset
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Bush Hog 1438 Heavy Duty 18' Wing Fold

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Rhino 11' Flex

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(2) JD16A Flail Choppers
JD 243 Snapper Head, like new
JD Adaptor Bundle fits 243 corn head to forage harvester
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JD 7000 4 Row Corn Planters Conservation & Regular
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JD 2640 w/Loader
JD 1020 w/Loader
MF 135
Ferguson 30 w/ Snow Blade
IH 300 w/Loader
Ford 4000
Ford 3000D

USED EQUIPMENT

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Gehl Forage Wagon
JD 6620 Side Hill Combine w/6 Row Corn Head

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TRIPLE-R FARM EQUIPMENT

JD 402[illegible] WF side con- (SOLD)
IH 1456 dual 18.4x38 tires
JD 70 WF PS
Case 830 D (SOLD)
Amco 20' wing disc, new 22" blades
IH 5 btm. 14" semi-mtd. plow
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IH front & rear weights

No Reasonable Offers Refused
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CALF HUTCHES, Virtually Indestructible!

MADE OF POLYMER MATERIAL...NOT FIBERGLASS WHICH CRACKS.

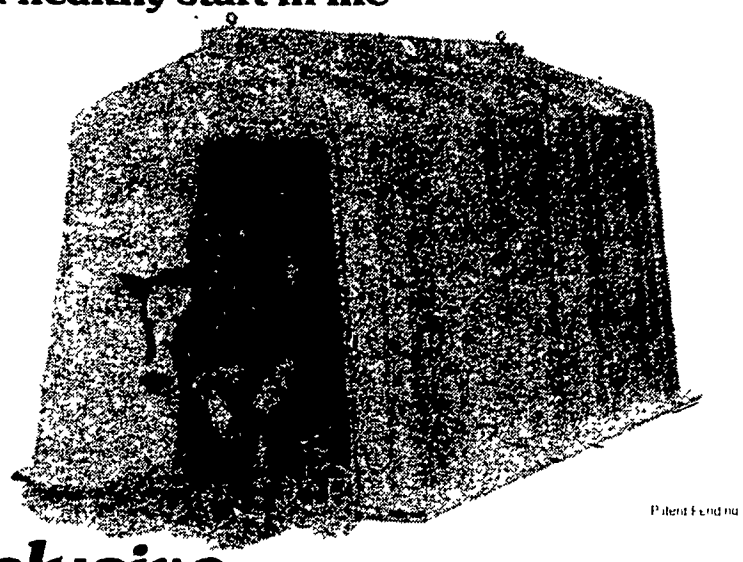
This Polymer material resists damage from sun, water, heat and cold, flexible even in extreme cold. Lightweight: approximately 130 lbs.

IN STOCK

LOOK AT THIS!!

brand new CALF-tel

comfort hutches *to baby* new-born calves to a healthy start in life



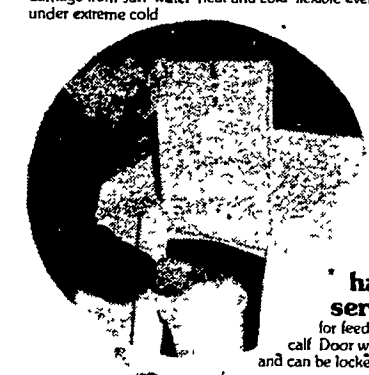
Patent Pending

exclusive **new design to overcome all the gripes we've heard from dairymen about isolation calf housing:**

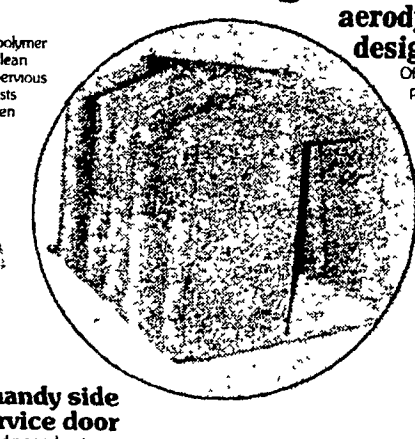
1. Calf health & comfort given priority
2. Draft and ventilation control to remove dampness, gases and odors
3. Ribbed construction and virtually indestructible polymer
4. Caretaker convenience for feeding, cleaning, sanitizing

CALF-tel™ features for every day and lasting value:

practically indestructible
Calf Tel hutches are made of a tough high density polymer material smooth and hard both sides So easy to clean and sanitize Material is non toxic, non porous impervious to germs manure acids strong disinfectants—resists damage from sun water heat and cold flexible even under extreme cold

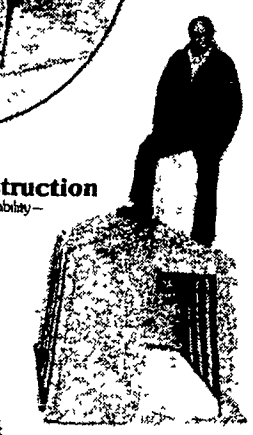


aerodynamically designed entry
Offset entry gives extra protection from wind blowing snow and rain gives calf more comfortable sleeping, provides sheltered eating drinking corner 60 percent of front closed



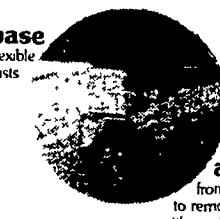
handy side service door
for feeding and watering calf Door will lay flat on roof and can be locked closed

ribbed construction
adds strength and durability—made to last. easily supports the weight of a man

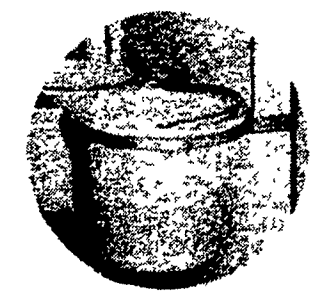


tie-down hook rods
optionally available

steel reinforced base
is shown at corner Flexible flange under base adjusts to uneven terrain



adjustable ridge vent,
front and rear lets caretaker adjust ventilation to remove humidity heat gases and odors without draftiness



rugged, dual pail holder
furnished with each hutch

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519 NH manure spreader
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717 NH forage harvester w/2 row corn head and pick-up head
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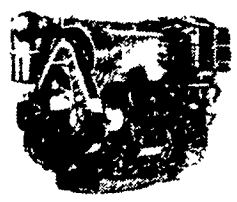

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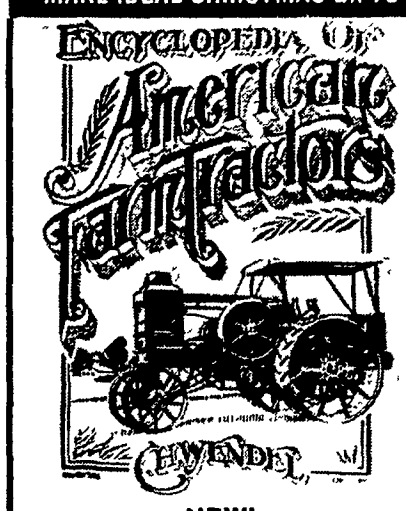

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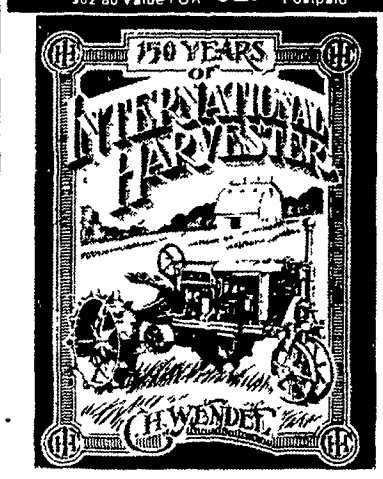

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FARM EQUIPMENT

FARM EQUIPMENT

Used Tractors:
John Deere 4520, 4430, 4320, 4030, 1520, 2030 w/loader, 2510, Large Selection of 4010's, 3020, 3010, 60 with 3 point hitch. Farmall 1066, 966 with cab, 806, 826, 460, 450, M, H. Allis Chalmers 210, Ford 8N & 9N, 9000, 9660. MF 180, 175.

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4400 gas Rotary screen, Massey Ferguson 300 with Quick Tach heads (sharp) 2, 3, 4, 6 row John Deere corn heads, 6 row IH head to fit 815 or 915. 105 corn special diesel engine, 4 row corn head.

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1974 Chevy w/new 16' grain body & hoist, 427 engine, 5 spd. trans., 2 spd. rear. 1971 International 1800 with new 14' Body & hoist. 1975 GMC, 5 sp., 2 sp. rear, 366 motor w/air brakes, new 16' body & hoist. 1977 GMC cab & chassis. Ford Louisville w/24' Schwortz roll back,

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NI Corn pickers: 2 row wide & narrow
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(2) AC 7000
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MF 165 w/loader
MF 20 Tractor/Loader
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NH 362 Tank
NH 365 Tank
NH 368 Tank

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(2) NH 279
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NH 478, Excellent
(2) NH 1495 12' SP

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NH 268 w/thrower
NH 269 w/motor
NH 273 w/thrower
NH 275 w/thrower
AC 303

MISCELLANEOUS
NH 1000 Bale Wagon
NH 1012 Bale Wagon
NH 1010 Stack Line Wagon
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CORN PLANTERS
AC 600 4R w/dry fert.
AC 600 4R w/liquid fert.
AC 6R no-till
JD 1400
IHC Cyclo
White 6 Row No till

SKID LOADERS
NH L-35
NH 775 Gas
NH 775 Diesel
NH 425 Rental

COMBINES
AC All w/2R & 3R w/10' Plattorm
NH 995 w/15' Platform
JD 105 w/444 Corn Head & Grain Head

Large Parts Inventory and Modern Shop Facilities with Factory trained Specialists to serve You Better.

Sales Department: Call Ed Greenleaf
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Immediate Financing
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NEW HOLLAND

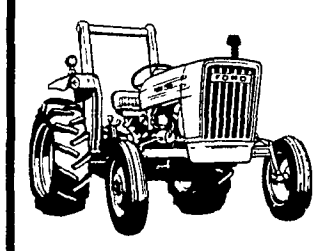
BROOKS FORD TRACTOR, INC.

Ford Tractors Equipment

FALL OIL SPECIAL

1/2 PRICE 10 WT. DIESEL ENGINE OIL
Reg. $6.25 gal.
SALE PRICE $3.10 gal.

FORD CLEARANCE SPECIALS

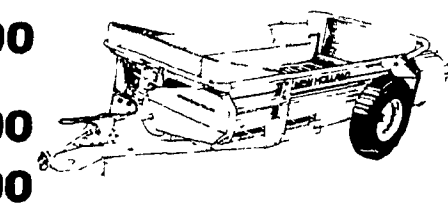


(While They Last)

1981 FORD 3600 (40 H.P.) No Trade	$10,200
1981 FORD 6600 (68 H.P.) No Trade	$15,500
1979 FORD 4600 With Cab 830 Hrs. No Trade	$11,300
1932 FORDSON	$400

NEW HOLLAND SPECIALS

Lease Returns (1) 513 Spreader 2 Beater w/manure pan	$3,500
Lease Returns (3) 519 Spreader 2 Beater w/Manure Pan	$3,000
(1) 303 Liquid Spreader	$9,200



GOOD USED EQUIPMENT

Mower Conditioner	Owatonna 208	Spreader	New Idea 217
Mower Conditioner	I H 816	Plow (2 way)	Ford 145
Mower Conditioner	A C 390	Trailmower	New Idea 254
Mower Conditioner	New Idea 290	Harvester	N.H. 707
Flail Chopper	N H 33	Crusher.	N.H. 404
Baler	N H 273	Forage Wagons.	N H 7

BROOKS FORD TRACTOR, INC.

West College Avenue
Pleasant Gap, PA 16823
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LANDIS BROS., INC

1305 Manheim Pike, Lancaster, PA 17601
Phone - 717-291-1046

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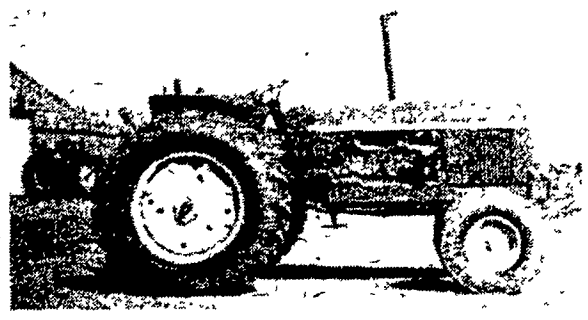
SPECIAL JD FP WAIVER PROGRAM ON NEW JD UTILITY AND USED TRACTORS AND IMPLEMENTS UNTIL 3-1-82

JDFP WAIVER PROGRAM ON NEW JD & USED CORN PLANTERS UNTIL 4-1-82

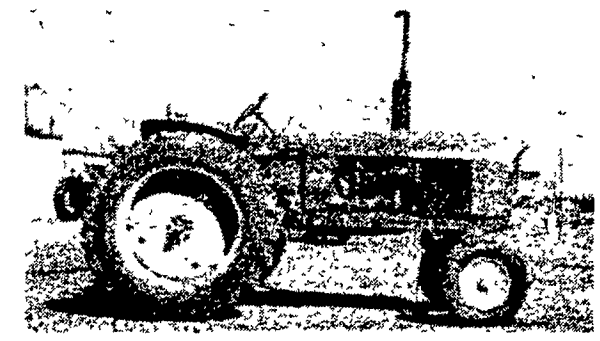
CHECK THESE SPECIALS — CALL RIGHT AFTER 7 A.M. FOR INFORMATION & PRICES

SPECIAL JD FP WAIVER PROGRAM ON NEW JD AND USED HAY EQUIPMENT, FORAGE HARVESTERS AND FORAGE WAGONS UNTIL MAY 1, 1982



JD 2840 Diesel
$15,500

SAVE NOW ON THESE USED TRACTORS WITH NO FINANCE CHARGES UNTIL MARCH 1, 1982



JD 4010 Diesel, WFE
$8495

New Tractors

JD 4640 PS, SG
JD 4240 Quad, SG
JD 2940
JD 2640
JD 2440
JD 2240
JD 2040

Used Tractors

JD 2240 200 hrs.
JD 4320 w/cab
JD 1020 Ru Gas w/37 loader
JD 40T
MF 65 dsl.
IHC Cub w/mower

Used Spreaders

NI 206 Gr. drive
NI 207 PTO
NH 327 PTO

ALL USED LAWN & GARDEN EQUIPMENT REDUCED

New JD Utility Tractors

JD 750 w/MF WD w/375 Blade
JD 750 Turf T w/272 Mower
JD 650 Turf T w/160 Mower

Used Loaders

JD 46A loader

Used Corn Head

JD 444 Corn Head

New New Idea Uni-Equip.

743N 3 RN corn head
713 grain platform

Used New Idea Uni-Equip.

705 dsl. power unit w/cab & 767 chopper & 768 RC
767 super chopper
768 w/N3 row RC
769 flail mate
762 2R 30" RC

New Forage Harvesters & Equipment

JD 5820 s-p, cab, power wh. dr.
JD 3940 Harv
JD 16A chopper
JD 716A forage wagon
JD 6500 blower

New Corn Pickers

NI 325/327 2-row
NI 323 1-row

Used Corn Pickers

NI 323 1 row

New Rotary Cutters

JD 506 5' util. 3 pt.
JD 606 6' util. PT

USED COMBINES

JD 7700 w/14' plat.
JD 6600 hydro. w/13' flex plat. & 643-6RN head

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Blueprint Replicas™ that work hard to tackle any chore. Die cast with fine detail and ERTL's famous strength and safety features.
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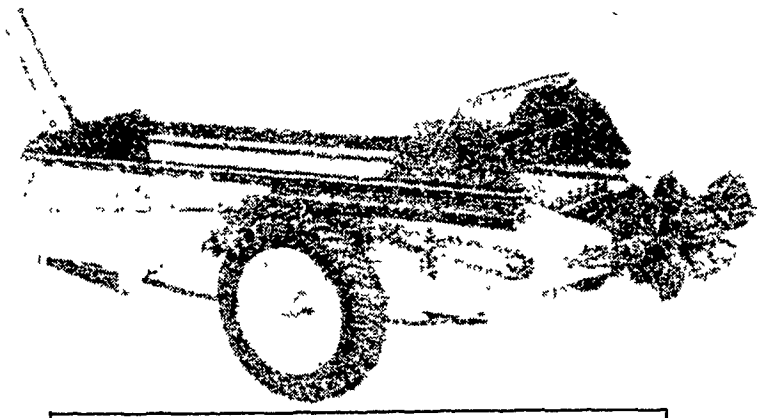
NEW IDEA 95 BU. GROUND DRIVEN SPREADERS



206 New Idea Spreader Available
With or Without Steel Wheels
For Shipment NOW Order Yours Today.

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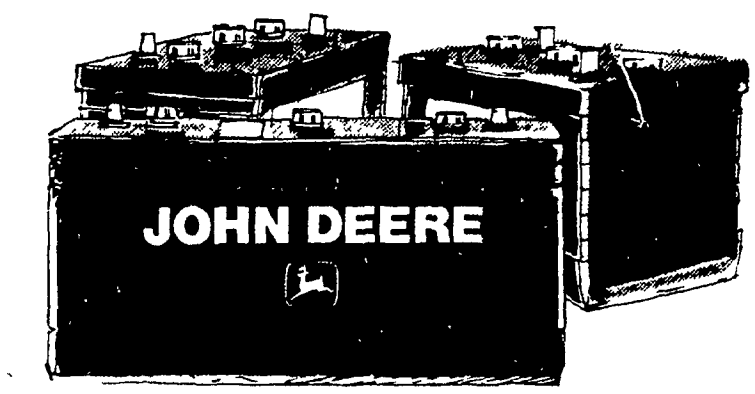

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Bring in your present battery, we'll give you credit on it, and an additional discount of 25% toward a new John Deere battery. It doesn't matter what condition your old batter is in, either. We stock conventional and maintenance-free batteries for farm and industrial machines, cars, trucks, snowmobiles, boats, lawn and garden equipment and more. John Deere batteries feature a one-piece cover that reduces corrosion and short circuiting. It's epoxy-bonded to a hard rubber case for durability, long life and easy maintenance.

Free battery check-ups on any type of machinery while offer lasts No limit to number of batteries that may be traded in for another
Act now Trade-in offer ends Dec. 12, 1981

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SPECIAL PRICES ON USED EQUIPMENT

Case 12x7 Drill	$ 700	Ford 9N Tractor	$ 1150
Ontario 16x7 Plain Drill exc. cond.	$ 2195	JD 210-36 disc 12'5" harrow, new blades	$ 3750
Ford 7 ft. pull rotary cutter	$ 495	NI 224 10 ton spreader, PTO	$ 3795
JD RW 28 disc harrow w/new blades	$ 695	JD 54 spreader, PTO	$ 1350
JD BW 36 disc 14' harrow	$ 1295	NI 214, 195 bu., spreader	$ 2795
JD 300 Elev. 28 ft.	$ 495	JD 25 A flail mower	$ 850

LANDIS BROS., INC.

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NH 510 Manure Spreader
JD 160 Bushel Spreader
(2) NH 365 Tank Spreader
NH 518 Spreader

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JD 4010 diesel, cab
JD 2520 side console
JD 2020 diesel
AC 210 diesel
AC D17 diesel — JD 630
AC WD 45 — JD 530
JD 3010 — JD 50
JD 730 diesel — Ferguson 30
JD 720 diesel

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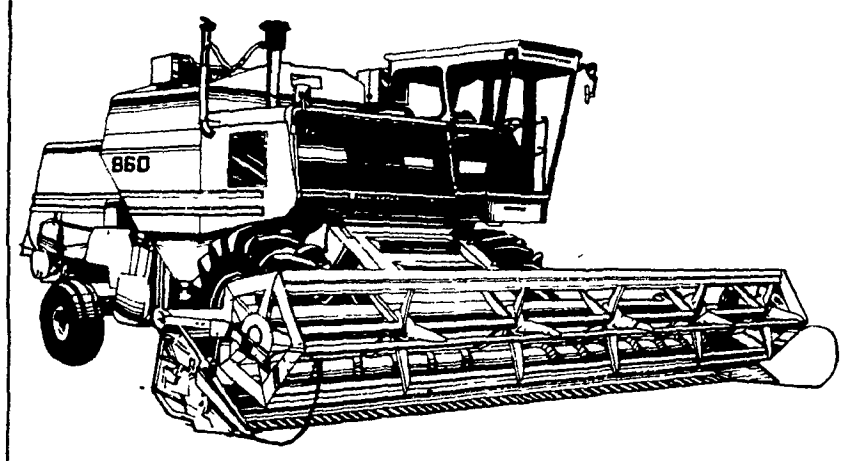
Plus Waiver or 13.9% APR Financing



Forget any reasons you may have for not buying new equipment right now. Massey-Ferguson has rolled back prices to us in November by 20%. And that means some of the biggest savings we've ever been able to offer, on every new Massey on our lot.

Come in and buy now. These savings apply only to equipment purchased in November - just in time for year-end tax credits.

CHOICE OF FINANCING

If you buy now and qualify for financing through Massey-Ferguson Credit Corporation, we'll make your deal even sweeter, with a waiver of finance charges 'til season of use, or 13.9 annual percentage rate financing for two years. It's your choice. See us now for all the details.

Waiver dates:

Tractors, implements, industrial machines	March 1, 1982
Hay tools	May 1, 1982
Grain combines	August 1, 1982
Corn combines	September 1, 1982

Hurry! These price rollback savings are good only during November 1981.

MF Massey Ferguson

Now more than ever, Massey makes sense.

GUS FARM EQUIPMENT
Intersection of Rts. 616 & 214
Seven Valleys, PA
717-428-1967

(Combines, Tractors and Equipment Just Arrived on our Lot.

(Combines) New JD 4420 fully equipt. w/213 grain & 443 C.H. list for $71,400. our price $56,900. MF 750 Hydra D w/air, purchased new in '79, fully equipt. w/grain & 1144CH, real N-I-C-E. 1976 Gleaner FD w/air and both heads (1 local owner); JD 6600 Side Hill turbo, hydro, floating cutter bar, and choice of corn heads, real nice; 1973 Int. 915 gas w/grain head nice, under $10,000. White 8900 Combine used 90 hrs. like new. 1976 Gleaner K w/cab and grain never used in corn, MF 510D w/mud hog and quick tach grain and 44 C.H.; MF 300 diesel w/cab and grain (SOLD) real sharp. 1968 Gleaner CII diesel w/cab and 4 row C.H., JD 7700 D w/grain & corn head, JD 6600 D w/air & 13 Ft. grain. JD 55 sq. back corn special w/cab and 2 heads; Int 715 gas w/cab, 810 grain and 844 C.H., Int. 810-15 ft. floating cutter bar, Oliver 25 w/cab.

MF 760 diesel hydra with grain and 6 row $19,750. (5 Combines) coming in New J.D. 7720 fully equipped; 1977 JD 4400D (SOLD) w/heads; Int. 1440 axial Flow w/520 hrs.; Int. 1976-915 w/grain and 863 C.H.; MF 510D w/quick tach grain & corn; MF 300 combine w/cab and grain for $2895.00. Late model Int. 303 w/cab.

N.I. 702 D w/767 Super Chopper. N.I. 702 D w/husking bed and 3 row C.H., NI 702 w/729 A sheller, 702 D w/rebuilt motor. JD 643, 243, 444 C.H.; NI 325 w/12 roll 324 w/12 roll; New Farmall 986 w/Rops $18,800; New MF 2705 cab, air, $27,000; Used Int. 4386 4 whl. drive w/duals, New N.H. 489 haybine; New N.H. 315 Baler; N.H. 268 Baler w/thrower; N.H. 68 balers w/throwers $775 ea. or make offer; NI 323 one row used 2 years. NI 323 one row $2475.

TRACTORS & EQUIP. Farmall 1566 w/cab and duals, new JD 4240 C.A. Q.R., Oliver 1855 w/factory cab. Farmall 560 D WF, Used Farmall 1086 w/R.G., Canopy, White 2-105 w/roll guard, ACXT190 real nice, Ford 4000D w/1400 hrs. excl., M.F. 285D w/R.G., M.F. 165 Tri D. N.H. 1010 Bale Stack Wagon, 3 new Bush Hog Chisel plows 9 & 11 ft. all w/gauge wheels; Used JD 2640. Corn Heads. Gleaner K330, FL430, E330, A430 for F or F2, MF 421, White 4-150-4 whl. drive, fully eq., (SOLD) Int. 574.

NEW FARMALLS. 1086 C.A. (SOLD) for $25,400. New 986 C.A. new 3388 2+2, New JD 4240 w/Roll Guard & Q.R. $24,900; New 4040 w/Power Shift and R.G. for $23,950, JD 3020 w/Diff Lock; JD 2020, Used Farmall 886 w/R.G. real nice, 1066 w/red cab, Farmall 706 w/310 diesel, 560 tri D. F.H., Farmall 560D w/2000 loader. Farmall 1256 w/cab & air, Farmall 504 Utility gas w/3 pt., 1970 JD 4020 W.F., 2 New Haybines, New Gehl 1090 9' for $4450, New NI 299 for $4250, (3) real nice balers, Int. 445 baler w/thrower just like a new one $3500 less than dealer cost. NH 320 w/thrower, used 1 season. NH 277 w/thrower, JD 24T w/#30 kicker

Corn Heads JD 643, 444, 344, 435N, 335, (SOLD) and 313 for 45C, 334, 235, Massey Ferguson 44, 63, 43, 24, 33, 222, 422, Gleaner G435 L438, F430, F438, A430, E240, K238, F335, F330, K330, G630 N.H. 4-row quick tach, Int. 864, 844, 843, 744, 743, 227, NI 4-row 40" heads, Case 4 row 40", MF 43 Lo Profile, Int. 744 for 715, Int. 6 row, 30" for 503, NH 4 row 38" C.H. New JD 444, $7350. Just Rec. - New JD 643 for $10,800, used White 704N, 706N C.H. used JD 444 for $3500.

TRACTORS 1977 JD 4230 cab, air, quad, JD 2940 w/front wheel drive and cab, used 360 hrs. for $18,800. JD 4430 CA Quad w/long axles for duals; JD 6030 C.A. Duals, real sharp; JD 6030 cab and duals, fair; JD 4520 w/triple hyd. for 11,900. Nice, JD 4320 for $11,850. Farmall used 986 cab and air, 1566 cab and air w/new T.A., for $18,000. Farmall 706 gas w/TA and 3 pt. original real good for $4500. Farmall 544 gas W.F. Farmall 706D WF & 3 pt.; NI 324 picker w/super sheller used 80 acres.

CORN PICKERS - (new) N.I. 324 w/12 roll bed; NEW New Idea 325 w/12 roll bed, Used (4) N.I. 324 w/12 roll bed, (1) NI 325 N w/12 roll bed (325 N. w/sheller), NI 3 row 30" picker w/super sheller, New Idea shellers and Super shellers, N.I. 2 row 30" picker w/grinder. Int. 234 w/12 roll bed. JD 3800 2 row chopper

John Deere 8630-4 Wh. Drive w/3 pt. PTO & Dual Wheels, real nice, also AC #2600 - 28 ft. Hyd. wing disk, like new, J.D. 7520 w/3 pt. & Dual Wheels.

(Tractors w/Loaders), JD 4020 w/58 Loader, Farmall 1206 w/cab.

Case 930 CK w/5X Plow. New JD 4440 cab, air, power shift. J.D. 4010 gas. JD 4020 gas $4900. JD 4430 C.A. QR, 1970 JD 4020 w/roll guard; JD 4320 w/cab, 2-JD 1970 4020 w/dual hyd., 1970 JD 4020 Power Shift & Dual Hyd., Farmall 856 - nice.

Farmall - 1568 - V8 w/cab & air used 1000 hrs., used 686 w/cab & air, 1566 w/cab, 766 D; 1466 w/cab.

Steiger Bearcat 4 whl. drive w/dual wheels and new motor in excell. cond.; Gleaner E Combine w/cab, grain and corn head; Farmall 1206, 460 Gas w/F.H., Farmall, 756 gas, 560, 856 w/front wheel drive, Farmall Hi Crop 656 diesel, 756, 300. Cub Loboy w/mower, Cub w/mower and F.H.

HARVESTERS. New Int. 720 w/2 row, JD 38 w/2 row pickup N H 770 w/2 row J.D. 38 Chopper w/2 row, NI 3 row, Fox 2 row 30", Fox 3 row 30", Fox 2 row snapper head. JD 1 row snapper head like new.

ALLIS CHALMERS 7080 w/cab & duals $18,900, 7040 w/cab, power shift like new, AC 200 w/cab & air, AC 185 - $10,400, low hrs., 210 w/new 20.8x38 tires.

JOHN DEERE New JD 4440 cab, air, power shift, $35,900. New JD 4440 cab, air Quad 34,500, used JD 4430 - 4 post, power shift, used 4230 cab, air, QR, nice, 1975 - 4430 C.A. QR. sharp. 4030, 5020 tractor puller, 1972 JD 4000 D P.S. 1 local owner sharp. 4010D w/WF, 730D, 720 D. 60 w/3 pt., 3010 gas utility, 520. JD 3020 P.S. Gas JD 4030 w/R.G. and Quad. 1970 3020 gas side console power shift w/48 loader, JD A, JD 480A Forklift.

FARMALLS: used 1586 w/cab fully eq. w/duals, used 500 hrs. like new, 1086 w/Rops, 966 black stripe w/roll guard, 856 w/3 pt. and 38" tires, 1206, 806 w/3 pt. & 38" wheels, Farmall 656 Diesel & 656 gas, 766, 1456, 806, Farmall hydro 70 w/w.f. and 3 pt., 826 hydro D nice. 504 WF Int. 674, Int. 574, 460 Dsl. TA, nice, $2275, 400 w/P.S. & F.H., Super C w/cult. and 7 ft. mower, Ford 6000 tri D for $1975.00.

New White 2-105 w/cab $22,850. Oliver 1755 w/cab and air; Oliver 1650 w/R.G.; 1750 w/over and under, 1800 D W.F., 1855, 1850 w/over and under, Ford 2000 w/loader, Ford 4000 Tri. D

MASSEY FERGUSON - 1977 - 1135 C.A. low hrs. for $14,000.00, 1130D, Super 90D for $3400.00.

MF 165D w/heavy duty loader. MF 175D, sharp.

(Case) New 2090 Cab & Air, power shift $23,950; 1977 Case 1070 power shift w/cab enclosure real nice, 1975 Case 970 w/4 post, P.S.,

Case 1370 - P.S., Case 970 w/P.S. Oliver 1955 & 1850 D. w/over & under shift 1950T w/cab, 2050, 1855 w/20:8 tires, 1650, Ford 9600 diesel w/dual power and dual wheels, Ford 6600 w/cab, like new, 6000 Commander, D Ford 4000 MM S670 diesel.

COMBINES - JD 7700 Diesel w/Fire Damaged cab. N.I. Demo 768 WN 3 row head, N.I. 702 Uni tractors w/combines & 729 A and 729 Uni shellers w-3 & 4 row 30" and 40" heads. Used JD 13 to 15 ft. grain heads, JD 216 & 213 flex heads

IND. EQUIPMENT - Int. 510 4 whl. drive payloader used 500 hrs. like new. Cat 955 crawler loader, Case 850 D dozer w/hydrl. blade, Michigan 55B Diesel Payloader, Case 530D. L & B - $4475, Skid Loaders - Bobcat Hydro 720, 700. Ford CL40 Skid Loader, NH L35.

CORN PLANTERS - New & Used 7000 JD 4 row w/Inst., Used JD 7000 six row w/tert. till, plateless, inst. w/minimum till & dual rate monitor. dual rate monitor, JD 1240 plateless w/Inst. XX disk openers in exc. cond. new White 5100 four row planter fully eq. used MF 4 row planter. Bearcat 950 Grinder Mixer used twice, like new. Used Int. 1250 Gr. Mixer w/elect. scales - nice, Int. 56 Blower for $485.00. Hesston #10 stackhand wagon, N.I. 325 picker w/sheller, NI 324 w/super sheller, NH 36 Flail Chopper like new. New Brillion 22' and 25' fold cultimulchers. Call for old prices.

JD 220 hydraulic fold wing disk; White 252 wing disk. Used JD 453 bean head.

New Case 8 row hydraulic fold cult. used N.I. 272 7 ft. cut/ditioner, JD #930 3 pt. R.H. JD #350 PTO drive 40 ft. elevator. Badger 1500 gal. liquid tank spreader, used haybines, JD 1209, 1207, Hesston PT10, Case 550, NH 479, 460, Grim Hay Tedder.

(New) NH 310 Baler damaged price $1400.00 JD 17 disk grain drill, JD 640 rake w/front wheel.

Used Int. 400-6 row cyclo w/Inst. and Monitor for $1800; White 6 row w/no til fert. fill, inst. and monitor, (3 offset Disks) J.D. #360 12 ft., Wilbeck 12' offset like new, Miller 14 ft. offset. JD Disks #210. Int. #480-22 ft. Wing Disk, Oliver 3 ft. heavy blade disk.

PLOWS - 2 Int. 6X spring reset, Int. 7X on land reset, 5X reset, John Deere #2600; 5X spring reset; JD #350-4X reset like new, JD 7X on land hydrl. reset, Ford 5x18 spring reset.

JD, Int. 5, 6, 7 trip New Bush Hog 12 ft. pull type chisel plow. J.D. #1600 - 16 ft. pull chisel plow. New White 14 ft. field cult., Kawanee 22 ft. Wing Disk Kawanee 15 ft. Roller Harrow.

LOADERS — used JD 58 Used Int. 2350, MF loader for 1105, Int. Fast hitch 3 pt. adapters, 3 pt. hitch for 630 and 730 JD tractor. New and Used J.D. Quick Couplers. 4 Used 30.5 x 32 tires.

(Combines for Parts) JD 7700D, 105, 95 gas, Int. 715D, MF 510.

TRUCKS - 69 GMC cab over w/24 ft. Grove roll back body, 1980 Silverado Chevy diesel w/every option on, 1971 Ford - ¾ ton pickup, 1976 Chev C65 w/7,000 miles w/14 ft. flat, like new; 1977 Delta 44 ft. Combine trailer, (New) NH Direct cut head for 770. (New) Kill Bros. gravity bins. New Kill Bros. 8 & 10 ton running gears. Pick up heads for Int. 550, 650, 350, Fox pickup head, Direct cut head JD 3800 & 38. JD 3 row narrow silage head. (20) sets of dual wheels all sizes.

JD front & rear weights, IH front and rear weights.

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1200 Bushel Speedy Corn Cribs w/Steep Roofs
$795.00

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1950 GM $6500
1855 - Cab. . . $10,000
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FORD
7000D - Cab. . . $7650
(2) 9N . . $1100-$1600
(2) 800 ..... $2000
9N w/Ldr $1950

JOHN DEERE
4430 Cab . . . $16,500
4020D $7800
3020D $5500
820D $2900
MT $1350
4020 Gas $5500
5010 ..... $6500
4230 - Cab. . . $14,500
3020 Gas $4900

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N 560DT $8700
560DT $4750
N 310 ..... $6500
N 310C $6500
460 DT w/Loader $6900

CASE
1370D $10,000
930DCK $4500
1470D 4WD - Cab $12,000
(2) 930D CK Standard $2800
(2) 830D CK . . $4500
930 Standard . $1500
1070 w/cab. . . . $7000
1410 - 600 Hours . . . $10,750

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220D $6000
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WD45 ..... $1200
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T030 ..... $1175
Pony w/cult $1250
MF 50 ..... $2500
MF 35 w/Ldr . . . $2500

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1086D $13,500
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706D German . $6500
(3) 706D $4000
(2) 706G $3250
656D $5800
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Super A $1300
Cub w/cult $1450
H $785
(4) C ..... $850 & up
M $800
856 w/cab $9250
856 ..... $8850
806 w/cab & duals $8000
(2) 340 w/Loader $1700-$2800
2400 w/loader . $6500
404 w/Mower . . $3500

NEXT AUCTION
DECEMBER 14
9:30 A.M.

DRILLS
Int 13 S Disc $900
Int 17 S Disc . . . $1800
Int 18 D Disc. . . $2000
JD 17 S Disc $950
(2) JD 17 S Disc . . . $850 & $1500

NEW & USED CABS FOR TRACTORS & COMBINES ON STOCK.
Also Rollbars

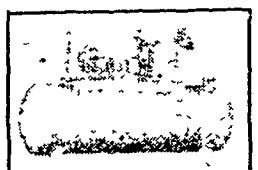
TRAILERS
1969 Great Dane 35 ton detachable . . $15,750
New HD10 2½ ton $1650
New HSE14 4 ton $1275
New HSM14 6 ton $2000
New HSL14 6 ton $1950
(3) New HTR16 8 ton $2950
1976 Gooseneck 3 axle w/tilt top . . $4800

CORNSHELLERS
(3) JD 43 PTO ..... $250 & Up
MM D PTO $475
(3) NI Grinder for Mtd $750
(4) NI Shellers for Pull ..... $300-$1000
(3) IH 234 Shellers. . . $750-$950
(2) NI Mtd Shellers $950
NI Super Sheller $1650

MISC. CONSTRUCTION
Davis DH5 trencher New Diesel . . $13,500
(6) Sweeper attach. From $95
(40) Used hoe buckets . . . From $150
(25) Loader buckets . . . . From $95
(8) Set forklift forks ..... From $300
Mich 35 4WD Loader $8500

TRUCK TRACTORS
(2) 1974 Ford Louisville Diesel $8650

FORKLIFTS
Ford 30' Diesel $11,500
JD 2010 ..... $5000
Int 340 ..... $4500
Yale 3000 Lb. . . $3500



INGERSOLL RAND 5 HP AIR COMPRESSOR
2 cylinder - single phase - 80 gal tank
used 3 month
$1850.00

COMBINES
(2) JD 40's $1600
MF 35 Pull $2500
IH 203. . . . . $1675
MF 300 Q Tach. $3000

RAKES & WINDROWERS
NH 479 Haybine $3000
Gehl Haybine . . $1250
Case Rake $595
AC Rake $795
JD 1209 Haybine $1500
NH 477 Haybine $1500

BALERS & STACKERS
JD 336 w/Kicker $3900
NH 270 w/Kicker $1950
Hesston 10 Stacker $3000
(2) Hesston 10 W Movers $600
(2) NH 850 Round Balers . $4500 - $5250
NH PTO Thrower $700

DUMPS - FARM
1974 Ford Louisville 18' Omaha Dump w/Cattle Racks Diesel $14,950
(2) 16' Steel Dump Bodies - Complete - Excellent. $4000

USED LOADERS ON STOCK

LOG SKIDDERS
Franklin 133B w/Log Loader $6250

MISC. MACHINERY
Chisel Plows
Long RollBars. . . $300
NH 352 Feed Mill $2850
Manure Spreaders
Snow Plows
Side Dressers
Large Papec Mill. $500
Spike Harrows . . . . . $75 per section
Field Cultivators
Spring Harrows . . . . . $75 per section
Swartz Mixer Cart $1850
1 Row Potato Digger w/engine . $495
Lime Drill $295
(2) Rotary Mowers - Approx. 14' ..... $1500-$2500
1X PTO - Potato Digger. $695
N.H 354 Feed Mill $3850

ELEVATORS
King Wyse Corn Drag $395
Mayrath - 32' . . . $600

NI UNI SYSTEMS
701 Tractor w/cab
727 Husking Bed
2x40 Cornhead
3x30 Cornhead
Combine
Grainhead
3x30 Chopper Head
Pickup Head
High Moisture Throat
2x40 Chopper Head
3x40 Corn Head
705 Diesel w/cab - nice
760 Chopper

BACKHOES
Long 3 pt. Hoe-new $4500
Long 5 in 1 w/cab. $17,500
(2) JD 310 . . . . . $11,500
Ware Hoe Attach. $2750
Case Hoe Atach $2750
JD 9300 Hoe Attach. $5500
3 Pt. Backhoe . . $2400
IH Hoe Attach. $1800

FOR SALE I & T TRACTOR SHOP MANUALS FOR OLDER & NEWER TRACTORS

CRAWLER LOADERS
Cat 941 . . . . . $16,900
Cat 933 . . . . . $8750
(2) JD 350 . . . . $6500-$7500
JD 450B w/9300 Hoe. . $15,900

1978 CHEVY DIESEL PICKUP - 40,000 MILES
$3900

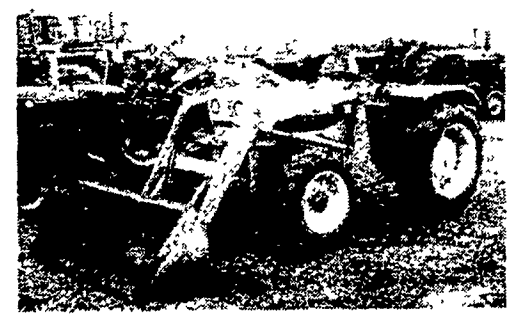
DUALS - ALL SIZES ON STOCK

HARVESTERS & EXTRA HEADS OF ALL KINDS - LARGEST SELECTION ON THE EAST COAST

PLOWS
White 6x18 Reset $5000
JD 5x16 Pull. . . . $775
(40) 1X to fit small tractors
JD 1450 6x16. . $2150
JD 1450 6x16. . $2950
JD 1450 6x18. . $3350
IH 720 5x20 Reset $5000
(2) JD 2600 4x Reset New $5000
IH 6x16 Reset $2800
JD 2600 7x18 On Land Spring Reset . . $6000
Lot of 3x and Smaller Plows
MF 3x Rollover . $1250

CONSTRUCTION DUMPS
(2) 1974 IH & Ford Diesels w/9' Bodies - Air Brakes. . $13,900

COMPLETE RUNNING GAS & DIESEL ENGINES
50 On Stock - Call



LOADER TRACTORS
IH 2400A $6500
IH 340 - Widefront $2800
IH 340 - Trycycle $1700
MF 35. . . . . $2500
Ford 9N $1950
Long 460 4WD (PICTURED) $6900

NEW MACHINERY SPECIALS
7' 3 Pt. Peg Harrow $395
10' 3 Pt. Peg Harrow $495
14' 3 Pt. Peg Harrow $595
3 Pt. Fertilizer Spreaders $395
6' 3 Pt. Landscape Rakes. $495
7' 3 Pt. Blades $245
6'6" 3 Pt. Disc $495
2 Bottom 3 Pt. Plow $450
1200 Bu. Corn Cribs $795
3 Pt. Woodsaws $875
8 Ton Wagon w/8" Rims & QL Tongue $550
10 Ton Wagon w/8" Rims & QL Tongue $625
12 Ton Wagon w/10" Rims & QL Tongue $925
Round Bale Feeders. $175
Gravity Bins 165 Bushel $450
70" 3 pt. Rotovator $1695

COMBINE CORN HEADS
NARROW ROW
IH 833-743-733-429-329
JD 643-443-343-434-334-313
AC 630-430-330
Oliver 703N-541-531
MF 63-43-33-421-321
NH 4x30 QT
Case 4x30-3x30
NI UNI - 3x30

WIDE ROW
IH 744-429-329-327-724-229-228-227-25-22
JD 434-334-234-210-205-10
AC 440-435-240-238
Oliver 544-531-522-512
MF 44-24-422-322-222-22-20
NH 2x40
Case 4x40-2x40
NI UNI 3x40-2x40

SKID STEER LOADERS
Case 1740 Diesel $6800
Melroe 500. . . $3500
OMC. $3500

WE LEASE TRACTORS & MACHINERY - 1 WEEK MINIMUM RENT A BIG OFFSET DISC FROM US

DISC'S
Int 36 w/wings . $4500
Int 44 w/wings . $4500
Long Offset. . . . $4000
Wilbeck Offset . $4500
(2) Int Cubs - Rebuilt $495
JD KBA 28 Rebuilt $750
IH 28 FH - Rebuilt $750
(2) IH 44 Blade - Rebuilt $1800 - $2000
(2) IH 40 Blade - Rebuilt $1800
(3) IH 36 Blade - Rebuilt $1800
(2) Cub - Used. . . $400
Oliver 36 Blade Wheel $1500
(14) 6'6" 3 pt. - New $495
White 32 Blade. $1700

ROLLBACKS
1968 Int. Diesel - 24' $7500
1976 Ford Louisville Diesel - PS - 5 & 2 - 24' Rollback Nice $23,750

CORNPICKERS
NI 325 - 12 Roll - late $5500
NI 325 - 8 Roll & Sheller $5500
NI 324 w/Sheller - Late $4800
NI 319 - 12 Roll $3000
NI 311 w/Sheller $1650
NI 331 w/Super Sheller $2950
LOTS OF SHELLER & GRINNER ATTACH.

FARM EQUIPMENT

THIS MONTH'S NEW MACHINE SPECIALS

KUBOTA TRACTOR B7100 HST
2 Whl. Drive
List $6200
SPECIAL $4800

KUBOTA TRACTOR
4 Whl. Drive
Model L305 DT
List $10,170
SPECIAL $7,900

JOHN DEERE 4040 TRACTOR
Quad Range w/Cab
List $35,238
SPECIAL $28,900

JOHN DEERE 950 12' Roller Harrow
List $5,025
SPECIAL $4600

450 Spreader
240 Loader
260 Loader
4B 2700 Plow
22A Sub Soiler
51 Post Driver

USED TRACTORS

JD 2240 w/146 Loader $12,000
JD 2020 w/47 Loader $9,500
IHC 574 w/2000 Series Loader $9,000

Finance waiver available on all "After Season" Equipment

SMITH IMPLEMENTS, INC.
Mercersburg, Pa.
17236
717-328-2244

FARM EQUIPMENT

Badger | JOHN DEERE | HESSTON FARM EQUIPMENT

USED EQUIPMENT

TRACTORS
MF 65 Gas
JD 520
IH 340
JD 70 Skid Loader

CORN PICKER
IH 1-PR Picker

FORAGE WAGONS
Gehl #610
NH #8 Wood Box
NH #8 Steel Box
JD 216
Badger 16' w/Tandem Axle
Bale Wagons (3)

MISC. EQUIPMENT
Haban Corn Sheller
Hesston Tank Spreader
NH 512 Spreader
JD 737 13' Rotary
JD 2450 7-Btm. Plow
AC 3 pt. 16" Plow
IH 3 btm. Fast Hitch
JD 350 5 Btm. Plow
JD 225 Offset Disk
JD 110 12' Disk
JD 346 Baler w/Thrower
NH 277 Baler w/Thrower

SUPER SPECIAL
NEW GT 370 DRYER
$7850.00
Picked Up At Pikeville

NEW EQUIPMENT SPECIAL

Hesston 1090 Mower Cond.	$4900.00
Hesston 2000-100 Harvester w/Pickup	$7500.00
Hesston 1070 Mower Cond.	$4500.00
Allied 6x35 Auger No Motor	$1175.00
Allied 8x51 Auger P.T.O.	$1975.00
Badger 2300 Vac. Manure Tank	$6995.00
JD 465 Flail Spreader	$3975.00
JD 1710A 11' Mulch Tiller	$5500.00
JD 1100 3 pt. 10' Field Cult.	$1150.00

ALL ABOVE NO TRADE PRICES

PIKEVILLE EQUIPMENT, INC.
R.D. 2, Oley, PA
Phone: 215-987-6277
Berks County's Full Line John Deere Dealer - Serving the Oley Valley 45 years 1936-1981

GOOD USED EQUIPMENT

F-1256 diesel
IH 570 manure spreader
Used Long mod. 910 diesel tractor, 710 hrs., very good cond. $7400
Bolens model HT-20 hp w/mtd. loader w/front blade & rotary mower, good cond.
Oliver 770 diesel tractor, tricycle front end, good cond.
IH 3 btm. semi-mtd. fast hitch plow
IH #710 4 F auto reset plow
Good used lawn tractors.
55 trailing chisel plow
2 Farmall M
One Massey Harris Model 33
One Ontario Model 1200 16x7 s SOLD disc grain drill, good cond.

IH 1440 axial flow combine w/1150 hours, excellent condition.

AVCO NEW IDEA

L.L. ECKROTH FARM EQUIPMENT, INC.
RD2, New Ringgold, PA
717-943-2367

USED TRACTORS AND EQUIPMENT

MF 235D w/loader, 400 hrs.
I-544 hydro
I-656D gear
Farmall Super M
JD loader
NH 479 haybine
IH 990 mower conditioner
JD 24T baler w/thrower
IH 37 baler w/thrower
IH 56 2 row planter
IH 56 4 row planter
IH 55 chisel plow 13'
NH 352 grinder mixer
IH 715 hydro combine w/13' grain platform
843 4 row corn head

NEW TRACTORS AND EQUIPMENT

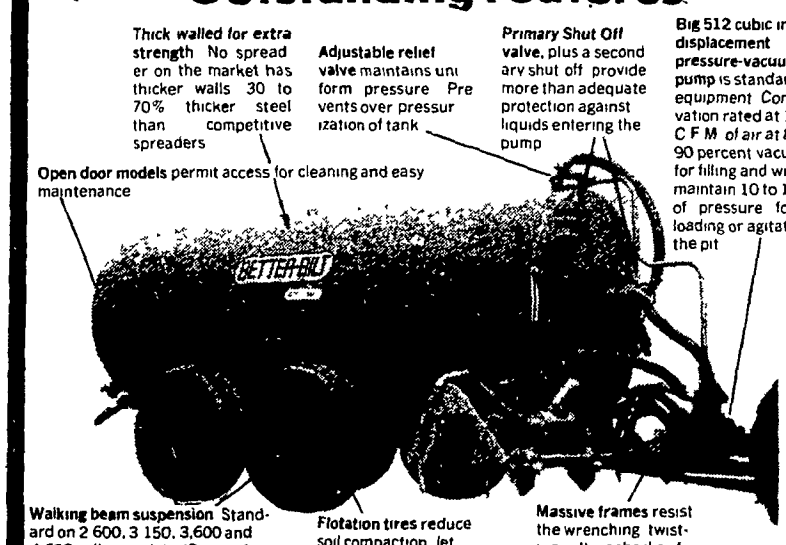
IH 786D tractor
IH 886D tractor
IH 1086D tractor
I-784D std.
I-484D std.
I-584 std. low profile
IH-84D
20C hydro mack. skid steer loader $15,580
IH 2250 loader (bucket not incl.) $2550
IH 4500 vibra shank cult.
2- 830 forage harvester, must move, low price
1- 720 forage harvester, must move, low price

C & W EQUIPMENT, INC.
260 York Rd.
Carlisle, PA 17013
717-243-4419

BRICKERVILLE EQUIPMENT

SALES * SERVICE * PARTS
537 E. 28th Div. Hwy. Lititz, PA 17543
717-626-6198

Outstanding Features


Thick walled for extra strength No spreader on the market has thicker walls 30 to 70% thicker steel than competitive spreaders
Adjustable relief valve maintains uniform pressure Prevents over pressurization of tank
Primary Shut Off valve, plus a secondary shut off provide more than adequate protection against liquids entering the pump
Big 512 cubic inch displacement pressure-vacuum pump is standard equipment Conservation rated at 135 C F M of air at 85 to 90 percent vacuum for filling and will maintain 10 to 15 lbs of pressure for unloading or agitation in the pit
Open door models permit access for cleaning and easy maintenance
BETTER-BILT
Walking beam suspension Standard on 2 600, 3 150, 3,600 and 4,600 gallon models (Optional on 1,500 & 2 100 gallon models) Front & rear wheels on each beam follow contour of the ground provides a smooth level ride
Flotation tires reduce soil compaction let you spread on soft ground early in season
Massive frames resist the wrenching twisting jolting shocks of hard field usage year after year

USED TRACTORS FOR SALE
1 - JD 4020, good cond.
1 - Ford 4000, good cond.
Both Diesels with wide front ends

Sizes - 800 gal. thru 4600 gal.
Both vacuum & augermatic spreaders for truck mount or trailer type

Special - One Only

NEW 2100 GALLON VACUUM SPREADER, TANDEM AXLE TRAILER TYPE WITH STANDARD VACUUM PUMP, 540 RPM, 4" SUCTION HOSE AND SECOND LOAD PORT. CALL FOR SPECIAL PRICE

CALL US FOR YOUR NEEDS OF
- Farrowing Crates
- Lagoon Pumps
- High Pressure Pumps

MF Massey Ferguson

M.M. WEAVER & SONS, INC.

LEOLA, PA. 17540 717-656-2321

Located: 4 miles West of New Holland on Route 23, 1½ miles Northeast of Leola on the North Groffdale Road, 1 mile on the right, opposite Groffdale Mennonite Church.

NEW & DEMO HAY, FORAGE & PLANTING

MF 200 Harvester w/2 Row Head	
(4) MF 1 row Corn Head for 200.	@ $900.00
MF 260 Harvester 3 Row Head	
MF 260 Harvester w/Used 2 Row	$6100.00
MF 22 Bale Thrower.	$1520.00
MF 925 9' Haybine	$4800.00
MF 37 PT. Hay Rake.	$1650.00
(2) Farmhand F7 Hay Rake	@ $1995.00
Farmhand M 25 Hay Rake	$975.00
Niemyer Hay Tedder	$1525.00
(2) Mott 3 pt. 72" Flail Mower	@ $1500.00
(6) Farmhand Corn Processor	$4500.00
(6) Conveyor For Above	@ $950.00
MF 1050 Grinder Mixer	$5700.00
Farmhand 880 Tub Grinder	$8500.00
MF 468 6 Row Cornplanter	$2588.00
Farmhand 815 Grinder Mixer	$4900.00

USED HAY - FORAGE & PLANTING

New Holland 717 Harvester 1 row & Hay Pick Up	$1400.00
Brady 840 Flail Chopper	$1250.00
MF 1050 Grinder Mixer	$4850.00
Fox 2000 Harvester 2 Row and Hay Pick Up.	$1000.00 $1000.00
Hesston #10 Stacker	$3750.00
Brady 1680 Flail Chopper	$2900.00
New Idea 315 Picker Sheller	$1800.00
MF 10 Baler w/thrower	$550.00
Farmhand 5 Wheel Rake	$600.00
MF 12 Baler	$1100.00

TRACTORS USED

MF 1155 8 Sp	$11,000.00
MF Super 90 Diesel	$3900.00
MF 1100 Turbo.	$8250.00
MF 1085 M.P.	$8200.00
MF 178 M.P.	$4500.00
Case 1370 Cab	$14,000.00
Case 990 w/Loader	$9500.00
MF 6 Riding Mower	$350.00
MF 33 Wheel Loader	$9000.00
NW 71 Skid Steer	$8000.00
MF 14 Lawn Tractor	$1475.00
JD 2840	
White 2-150	
IHC 856	

DEMO TRACTOR

MF 2775 24 Sp	$29,000.00
MF 2745 24 Sp	$28,500.00
MF 255 M P.	$12,200.00
MF 255 8 Sp. Hi Cl	$11,900.00
(2) Ind 20C Tractor Cabs	@ $1500.00
MF 220 - 4 Tractors.	$7,900.00

NEW & DEMO MISC. EQUIP.

York 6' Scraper	$230.00
(4) York 7' Scraper	@ $250.00
York 7' Scraper	$500.00
York 8' Scraper	@ $550.00
York 8' #75 Scraper	$850.00
MF 226 Scraper (3).	@ $460.00
MF 8 10 Ton Gear 11L	$1140.00
MF 7 8 Ton Gear	$775.00
MF 86 12 Ton Tandem Gear	$1525.00
EZ Pincor Gear	$250.00
MF 5 Ton 5th Wheel Gear	$300.00
EZ 672 6 Ton Gear	$675.00
EZ 872 8 Ton Gear (3)	@ $830.00
EZ 1074 10 Ton Gear	$1050.00
MF 236 Q A Loader	$2495.00
MF 216 Q A Loader	$1750.00
MF 32A Loader	$3500.00
Dunham 22 Loader Demo	$1900.00
Dunham 22 Loader (2)	@ $2550.00
Danuser Post Hole Digger	$875.00
Little Giant Corn Drag	$780.00
EZ 170 Bu Gravity Box (2)	@ $530.00
EZ 220 Bu Gravity Box	$900.00

USED MISC. EQUIP.

New Holland Tandem Axle Spreader	$2000.00
Fert Drill	$125.00
Fontana Loader	$800.00
Century Sprayer	$1250.00
Century Sprayer	$975.00
/ Snow Blower	$600.00

NEW COMBINES - GRAIN & CORN HEADS

In Stock 860 - 850
540 Combines 2-4-6 row
Corn Heads: 13-15-16'
Reg & Float Grain Heads
Call for Special Prices

MF 24 - 2 row Corn Head	$2350.00
Profiteer 14' P.U. Reel (5)	@ $625.00
Profiteer 15' P.U. Reel (3)	@ $650.00

USED CORN HEADS

MF 83 8 Row 30" (2)	@ $7000.00
MF 63 C 6 Row 30" (2)	@ $2500.00
MF 63 6 Row 30" (4)	@ $2100.00
MF 44 4 Row 38" (2)	@ $3500.00
MF 44 4 Row 38" (9)	@ $2500.00
MF 44 4 Row 38" (3).	@ $2100.00
MF 43 4 Row 30" (1)	@ $2500.00
MF 33 3 Row 30"	$2500.00
MF 24 2 Row 38"	$2200.00
MF 422 4 Row To Fit 510	$1200.00
MF 621 4 Row To Fit 510	$1200.00
MF 322 3 Row To Fit 410	$200.00

USED COMBINES

MF 760 V8 Hydro Grain & Corn	$48,500.00
MF 760 V8 Hydro 16' Grain	$34,000.00
MF 760 6 Cyl Gear 16' Grain	$19,000.00
MF 760 6 Cyl Gear 4 sp Grain	$19,500.00
MF 510 D 3 sp Grain Table	$12,500.00
MF 510 D Hydro Grain Table	$14,500.00
MF 300 QA Grain & Corn	$9000.00
MF 300 Gas 13' Grain	$3100.00
MF 80 Combine	$600.00
MF 760 Hydro with 4 wheel drive	
IH 315 Gas Grain & Corn	$7900.00
IH 303 Gas Grain & Corn	$3900.00
New Idea 315 Sheller Unit	$900.00
JD 95 Gas 13' Grain 3-30 Corn	$9200.00
Just Traded	
NI 708 Dsl Hydro Uni Systems w/13' Grain Table & 4 Row 30" Corn Husker	

USED GRAIN TABLES

MF 14' w/P U. Reels (5)	@ $1900.00
MF 14' w/P.U. Reels (1)	@ $1200.00
MF 15' w/P.U. Reels (2)	@ $2700.00
MF 15' w/P.U. Reels (2)	@ $1500.00
MF 16' Float Bar.	$2100.00
MF 16' Offset w/P U. Reel	$1200.00
(12) 13'-15'-16 P.U. Reels	@ $75.00 - $250.00
12' & 14' Pincor to QA (3)	$500 - $1200.00

NEW & DEMO PLOWS & TILLAGE

(2) MF 43 2-14 Plow	@ $1060.00
MF 129 3 pt Chisel Plow	$1375.00
Amco F17 32 Disc Harrow	$5200.00
Dunham 8 Tooth Chisel Plow	$1600.00
MF 730 Disc Harrow 10'	$4950.00
Yetter 15' Rotary Hoe	$1850.00
Dunham 14' Cultipacker	$1350.00
MF 428 4-38 Cultivator	$1250.00
MF 428 4-38 Rolling Cultivator	$1550.00

USED PLOWS & TILLAGE

IH 550 5 Btm Plow	$1500.00
MF 880 4 Btm Plow	$3500.00
MM 6-16 Hyd Reset Plow	$2350.00
Glenco 9 Tooth Chisel Plow	$3700.00
Dunham 3 pt. 10' Chisel Plow	$1600.00
Case 36 Disc Harrow	$1550.00
Brady 12' Field Cultivator	$1200.00
Transport 9' Disc Harrow	$475.00
Tandem 20 Disc Harrow	$250.00
2 Btm Trailer Plow	$75.00
JD 3 Pt 4 Row Cultivator	$500.00

FARM EQUIPMENT

USED EQUIPMENT

TRACTORS:

- Waiver of Finance on Used Tractors To March 1, 1982
- IH 1566 D., Cab & Air, 30.5x32 tires, new TA, Real Nice
- JD 4520, 20.8x38 Radials, No Cab
- IH 560 Gas, 400 Gas, 300 Gas
- IH 706 Gas, Wide Front End
- IH Super MTA
- IH 350 High Utility
- IH 350 Farmall
- IH 544 Gas w/2000 Loader
- MF 165 Diesel
- White 2-85
- JD 1010 Gas w/Tricycle Front End
- Oliver 1800 Gas, Wide Front End, over & under
- Farmall 300 3 ph, real nice

TILLAGE:

- IH 760 14' Offset Disc
- IH 475 13'5 Disc Harrow
- Bush Hog 18' Folding Disc
- Pittsburg 12' Disc
- Oliver 251 9' Disc, Real Nice
- IH 370, 350, 37, 35 In Various Sizes
- JD 12' 3-Rank Chisel
- JD 1600 12-shank Chisel Plow w/ga. wheels
- Oliver 4-Bot. Semi-Mtd. Plow
- Int. 663 6-Row Cultivator

PLANTERS:

- 4 & 6 Row Cyclos, Field Ready!
- JD FBB 17x7 Comb. Single Disc, Good Shape!
- JD 494-A, DD, 4-Row Planter
- IH No. 10 13x7 Plain Drill
- IH No. 10 16x7 Single Disc, Comb., Hyd. Lift
- IH No. 10 16x7 Single Disc, Comb.
- Oliver 24x6 Combination Drill
- Oliver 17x7 Combination Drill
- MF 13x7 Comb. Drill

COMBINES:

- 915 Combine, Low Hours, Like New
- (1) 844 Cornhead
- 810 15' Floating Cutting Bar
- Waiver of Finance to 9/1/82
- IH 403 w. 4-Row Wide Head & 12 ft. Grain Platform
- IH 315, 2-Row Wide Head
- IH 205 w/227 Head
- IH 203 w/2 Row Head
- IH 227 Cornhead, fits 315, 205 or 203
- Straw Chopper for Gleaner M

HAY & FORAGE EQUIPMENT:

- #8. Flail Chopper, Like New
- JD 115 Forage Wagon
- Gehl 800 Recutter Blower
- Model BN98 Badger Blower
- Gehl FBB 88 Blower
- 38 JD Chopper
- 550 IH Chopper
- 36 NH Flail Chopper
- 33 NH Flail Chopper
- (2) 990 Int. Mower Cond., 9 ft.
- 1014 Hesston Mower Cond.
- 420T Hesston S.P.
- NH 479 Haybine
- NH 276 Baler with Thrower, Real Nice!
- MF DEO-20 3 pt. Hitch, 5 Bar Rake

ERB & HENRY EQUIP., INC.
New Berlinville, PA 19545
Ph: (215) 367-2169
Daily 7-5
Fri. 7-9; Sat. 7-4

FARM EQUIPMENT

FARM EQUIPMENT SPECIALS

- NH 1495 SP Haybine 12' $11,500
- NH L-775 60 H.P. Skid Loader $6500
- NH 782 Harvester Electric Controls $7500
- NH 679 Spreader $5500

AG-Industrial Equip. Co.
301-658-5568
301-398-6132
215-869-3542

Ford Tractors Equipment

SPERRY NEW HOLLAND

TRACTORS

- Ford 8600 Dsl.
- Ford 800 Select-o-Speed
- Ford 3000 Diesel
- Ford 4000 Diesel SU
- Ford 4000 Diesel
- Ford 960 Tricycle
- Ford 861 Diesel
- Ford 860 Gas
- Ford 8N
- Ford 9N
- Ford A64 Wheel Loader, 2½ Yd. bucket, 480 hrs.
- Farmall H w/Loader
- Farmall M
- Ford 370 Truck engine w/12,000 miles

EQUIPMENT

- (2) Landoll Soil Savers 11'
- Glencoe 9 Tooth Chisel Plow
- Ford 4500 Backhoe / Loader, Excellent
- (2) Ford (Demo) Skid Loaders C-L30, C-L40
- Massey 82 Combine w/2R Corn Head
- New Class Combine w/4 Row Corn Head
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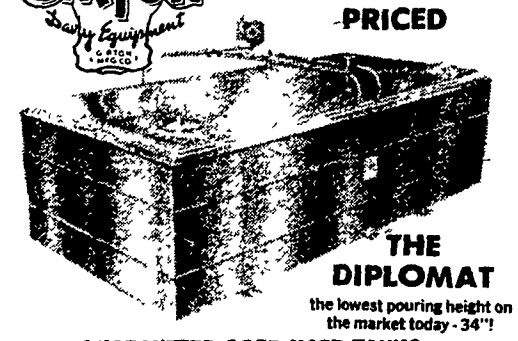

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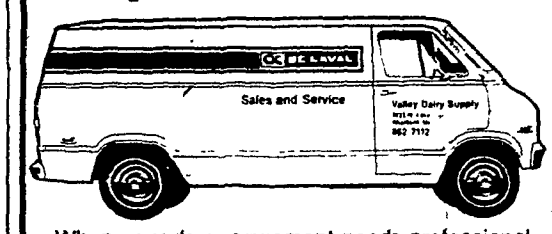

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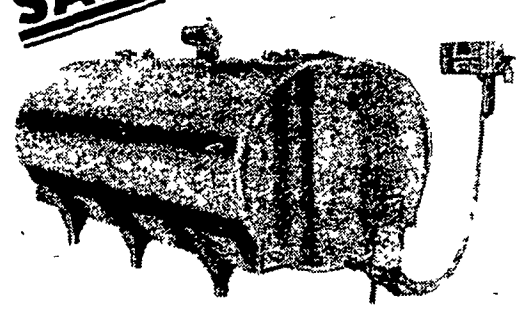

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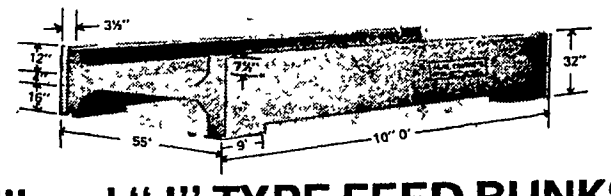

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For Sale - 100 Holstein cows, majority are 1st and 2nd calves, A.I sired, some Registered several records over 20,000. RHA 15,220 3.9% test 590 fat. 35 bred heifers, mostly A.I. sired, dams records to 29,000. 301-635-2033 or 301-875-2250

Need to increase your cash flow? Lease Holstein heifers sired by Lawcrest Marvex Twin & other A-1 sires. Call Oxford Farms. 215-444-5155 after 6 PM.

2 Registered bred Heifers due mid Dec. to Very, Vac. Dams are GP 81, VG 86; Have records to over 19,000 16,000 lbs. Write or call Rod Wood, Woodson Farm, MR2 Pennsburg, Pa 18073.

Charolais Angus stock bull, 18 months, home raised and healthy, real heavy-duty beauty. York Co. 717-927-6823 eves.

Registered Guernsey cattle for sale, seven cows, good udders, well grown, one bred heifer due May, two calves born February and May 1981. Phone 717-297-3854. Bradford County.

For Sale - 30 Angus cows, bred to freshen early spring Potter County Phone 814-435-2314

For Sale - Five registered Brown Swiss heifers. Ready to breed. Show local fairs summer 1981. 215-286-6736. Chester Co.

Wanted - Small herd of grade Jersey or Guernsey cattle or small herd of Grade Brown Swiss. Call early mornings or late evenings. 215-723-6523.

For Sale - 3 reg bulls by Superior, Trump and Jeimin from VG dams with records to 24,000 milk Perry Co. 717-789-3070.

For Sale - herd of 22 Holsteins, registered, various stages of lactation, large size, also, heifers, registered, will bleed and TR test, all animals calfhood vaccinated. Peter Grenther, Otto Road, Neshanic Station, NJ. Phone 201-369-4387.

CATTLE

Registered Holstein bulls, 1 year old and younger. Out of dams with records to 24,000 milk and 900 fat. Stump Acres 717-792-3216 York County.

"Wisconsin and Canadian Dairy Cows For Sale - 1st, 2nd, and 3rd calf. Fresh and close springers. Cash, or credit with down payment. Specialize in selecting cows for customers Free delivery. Call collect. Reuben Greenberg, Inc., Columbus, New Jersey 08022. Phone 609-298-1021."

Wanted - Herd of dairy cows or heifers, 301-358-0412.

Buyers & Sellers of Livestock -- Be sure to check the advertisements for cattle in the Lancaster Farming. You'll get results! 717-394-3047 or 717-626-1164.

LEASE QUALITY DAIRY CATTLE
Various plans available.
Call or Write:
Dairy Farm Leasing
1700 Dupont Ave. South
Minneapolis, Minn. 55403
612-377-1489

For Sale - Registered Holstein bulls from top A1 sires, many available to select from. Star Rock Farms, John Barley, 717-872-4058.

Simmental Percentage & Purebred bulls, cows, heifers & club calves by leading AI sires. Performance tested Edward Pierce, R.D. 2, Neshanic Station, NJ 201-369-4039

Service age registered Holstein bulls by Pete, Star, Astronaut, Glendale, Chief and others. Dams classified very good with records over 29,000 lbs. milk and 1195 lbs. milk fat. Stumpland Farm. 215-488-1965

Chianina-Angus Cross for sale. Cows, heifers, feeder calves and bulls. 717-872-5655

24 yearling heifers, vaccinated and dehorned, $500. 215-932-2764.

For Sale - Large choice Holstein heifers, bred & open, over 350 to choose from. Harmony Dale Farms, Phillipsburg, NJ. 201-859-2616

Registered Santa-Gertrudis bull. 15 month has been shown. Fine beef animal. Makes good commercial breeder. 717-642-5894 after 5 PM or before 7 AM

Angus feeder steers, 2 select from 4 ranging from about 450-750 lbs. Chester Co. 215-942-3025

Chianina bull VCR Filetto 304, Reg. 1974 Dam: Miss Karen, Also: Chianina X Hereford bulls. Contact M&W Farms Warfordsburg, PA 17267. 717-294-3573.

Angus cows with calves, young bulls; reasonable. 301-658-6789. Call 7:00-8:30 A.M.

For Sale - Herd of young Holstein cows, home raised. AI breeding Must be sold before January 1st but can hold herd until Spring for buyer. 301-578-1224

3 Registered fresh Holsteins for sale. Milu Betty Ivanhoe Chief dau Plushanski Persuador dau. Arlinda Jet Stream twin. Records set to 21,000M, 1000 lb. fat. Trucking available. Call evenings 717-284-2309

ATTENTION DAIRYMEN-ALWAYS AVAILABLE
Large selection of the finest high producing registered and grade Holstein first calf heifers and cows
Terms: Cash or short term. Also lease plan. 30 day TB and blood tested for Interstate shipment. All other health precautions taken.
If you need a new herd, additions, or replacements call or write.
M. BARMANN & SONS, INC.
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Over 40 Years Experience
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ENTIRE DAIRIES BOUGHT FOR CASH - NO DEAL TOO SMALL OR TOO LARGE

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NY - NJ - PA
Tri-State Area
AL DENNINGER
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Wanted to Buy
Hurt, Disabled, Down Cattle and/or Hogs
HOSTETTER'S LIVESTOCK SERVICE
On the spot payment when possible
Pick-up area unlimited and prompt pick-up
Call (717) 949-2209 or
(717) 949-3205
All animals slaughtered under federal inspection

For Sale
4 Reg. Holstein Bulls

* Born Nov. 7, 1981. Dam-Freman Jocon Jewel Elevation, 365 days, 19,259M, 704F, cow index 1277, class. 84 good plus. Sire-Jemini.
* Born Dec. 8, 1980. Dam-Sachse Elevation Gent, 351 days, 25,430M, 1035F, cow index 917, very good 87. Sire-Jemini.
* Born Oct. 15, 1981. Dam-Jack-Home Type Leader, 305 days, 16,798M, 610F, class. Very good '85. Sire-Persuader.
* Born June 4, 1980. Dam-Hostetler Elevation Apple, 305 days, 18,497M, 789F. Class. very good 85. Sire-Engamer Ivanhoe Jerry.

20-25 reg. and grade heifers.
Milk records up to 18,000 and 600 fat.
Eli J. Hostetler & Son
RD 1 Box 95
Turbotville, PA 17772

Two 18 month polled Purebred Charolais Bulls
Stauffer Homestead Farms
Rte. 2 East Earl, PA
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HERD REDUCTION SALE
of Quality Angus Cattle
3 proven herd sires, lg. selection of yearling bulls, lg. group of bred cows, bred to top AI bulls
GLENAIR FARMS
Rt. 3
Elizabethtown, PA 17022
717-367-1552 days
717-367-2174 evenings

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Established Quality Breeding Stock Cows, Pairs, Heifers, Club Calves, Feeders, Proven Bulls.
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201-832-7944

FOR SALE
Overstocked, take your pick from 375 head commercial herd
Fresh cows, dry cows or bred and fresh Heifers.
Lebanon Co.
Phone
(717) 933-8622

CATTLE

Wanted - Entire dairy herd, also, bred Holstein heifers Will pay $25 more per head than the going price. Don't sell until you call me. Call collect - Reuben Greenberg, Inc., Columbus, NJ 609-298-1021.

HORSES & MULES

Blacksmith Horseshoeing, Standardbred, Thoroughbred, Quarter Horses, Draft Horses. Will travel. Call 717-768-8709 or 717-464-3827

King Ranch western saddle in very good condition, $350 or best offer; also, US Army saddles in good condition, $275, Lanc. Co. 717-442-4259

5 year old registered Quarter horse mare. 1973 two horse trailer. Phone 814-672-8957.

2 nice Thoroughbred mares in foal to NY registered Stallion, foals will be eligible to rich New York stakes; also, ½ Thoroughbred yearling filly for sale. Reasonably priced. Call 607-458-5414. Write Happiness Hills, RD3, Addison, NY.

For Sale - 8 mo. reg. Belgian mare, 1 yr. mare. Vernon Hill, RD2, Blairsville, PA. Phone 412-459-8368 or 459-5752.

Horses Boarded in Littlestown, Gettysburg Area, $75.00 monthly includes pasture with stream, shelter, salt, daily hay and grain 717-359-5010 or 717-359-5281

7 yr. old reg. Saddlebred mare, traffic safe and sound, needs driving. Eli S. Glick, RD1, Monterey Rd., Bird in Hand, PA

FOR SALE
Purebred Registered Arabian Horses
WOODBRIDGE FARM
York Co., PA
717-235-4534

HORSES & MULES

Pennsylvania Draft Horse & Mule Association Sale
February 17, 1982
Blizzard date - February 18, 1982
Pennsylvania State Farm Show Building - Corner of Cameron and McClay Street, Harrisburg, Pa.
Tack - 9:00 A.M.
Horses - 12:00 Noon

TERMS - Tacks and Draft Horse related items - 10% with Maximum Commission $50.00.
Horses - $25.00 to accompany consignment.
If no sale - no refund. 4% commission - Maximum comm. $120.00.
$25.00 entry fee to be deducted from commission.
Catalog Deadline Jan. 1, 1982
Consignments will be accepted until 10:00 A.M. February 17, 1982.
Horses will be sold in order of consignment.
Negative Coggins Test and Health papers within 6 months must accompany horses.

CONTACT

Elmer D. Lapp
Box 97 R.D. #1
Kinzers, Pa. 17535
717-768-8177

Gail Biddle
Box 242 R.D. #1
Boalsburg, Pa. 16827
814-466-6215

W. David Keller
R.D. 2 Box #1
Hummelstown, Pa. 17036
717-566-0529

Abraham W. Allenbach
R.D. 2 Box #55
Springs Mills, Pa
814-422-8393

HORSES & MULES

JEN-AIR ACRES

REG. QUARTER HORSES
Horses For Sale
Stallion Service
R.D. 2, Box 179
Berks Co.
Bernville, Pa. 19506
215-488-6914

ARTIFICIAL BREEDING

ZIMMERMANN'S SEMEN EXCHANGE!

SEXATION	$60.00
MILK MASTER	$60.00
CARLIN M. IVANHOE BELL	$62.00
S-W-D VALIANT	$130.00
ELECTRA	$45.00

PLUS MANY OTHER BULLS AVAILABLE
Ship or deliver anywhere in U.S.A.
Philip Hershey 814-848-9736
HARRY ZIMMERMANN
203C Greenfield, Road
Lancaster, Pa. 17602
717-291-9607
Call for very competitive prices

Milk Goats Wanted - fresh or dry. Call 215-857-3463

For Sale - billy goat, 1½, wether goat, 8 mo. 717-921-2810 Dauphin

Nubian Buck Service, ADGA purebred, guaranteed, $25. Dam's official record 305 days, 3453 milk, 186 butterfat. Breeding stock available. Gettysburg. 717-334-7993

HORSES & MULES

For Sale - 3 coming 4 yr. old American Saddlebred carriage horse broke, traffic safe and sound, lots of snap. Call 717-656-8916.

ARTIFICIAL BREEDING

10 ampules Ivanhoe Star at $70 each. 20 of Vincent View Molly Chief, $30 each. 5 of Whittier Farms Apollo Rocket, $25 each. 717-768-8318

SWINE

2 boars - Kleen Leen - White Line (York-Duroc Cross) 7½ mo. of age. $400 ea. Call 717-755-3187

Registered Hampshire, Yorkshire, Landrace Boars, Bred and open Gilts, also Rams, Ewes. Preston Bankert 717-244-1244

SWINE

Reg Yorkshire Boars, Bred Gilts, and Open Gilts. Will deliver Red Run Farm, RD #2 East Berlin, Pa. 17316. 717-292-4634 York Co.

10 Yorkshire bred gilts due to farrow Nov & Dec. Miller's Yorkshire Farm, RD 1 Box 1366, Spring Grove, PA 17362. 717-225-1926

For Sale - Boars. Hampshire and Berkshire boars. Service age, delivery available. 215-285-6582. Call after 4 P.M. Terry Bennecoff.

SWINE

For Sale - Purebred Yorkshire boars, bred gilts and open gilts, carcass championship bloodlines. Willow Glen Farm, R2, Strasburg, PA. 717-786-2562

Yorkshire Boars and open gilts, breeding age and younger. Miller Yorkshire Farm, Rd 1 Box 1366, Spring Grove, PA 17362 717-225-1926.

Chester white and spotted boars and gilts for sale. Delivery available. James Parlett, RD 2 Airville, PA. 17032. 717-862-3610.

FEEDER PIGS FOR SALE
Available in Quantity
Call for Details
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WYAND DUROCS
I have top quality bred and open gilts from good bloodlines, plus a good selection of boars. Quality Durocs at low prices. Durocs since 1959. They are my full time business, not a sideline.

Wyand Durocs
4 Miles South of Interstate 81
Ph: 304-274-2971 Williamsport, Md. 21795

I now have gilts bred to Cruise 48-4. Sire 120-7. Cruise 48-4 had a test record of days to

220 lb. / 133 Days	B.F. .66	Index 260

Will be taking orders for Boars & Gilts out of Cruise 48-4 Jan. 1, 1982.
Boars $450.00 Gilts open $300 EACH.

Cruise 48-4 I purchaed from Rock Rest Farms N.C. Tested Boar Sale May 23, 1981. $1,500 well spent

MOST IMPORTANT IS CONCEPTION

When selecting Breeding Stock
Check our stock's Performance

BOARS & GILTS for SALE or LEASE

SMALL BOAR PRODUCTION HERDS WANTED
CALL OR WRITE
EAST COAST HOG SERVICE
409 CLAY ROAD
LITITZ, PA 17543
717-626-6566

SWINE

DUROC BOARS and gilts. Production tested, certified meat type show winning stock. Bloodlines of the best in the U S. Par-Kay Farm, Park F. Thomas, Beavertown, Pa. Phone 717-658-6544.

For Sale - Duroc boars & gilts. Sweigard Durocs, R D 3, Box 639, Halifax, Pa 717-896-3365.

For Sale - Feeder Pigs We aim to please. 304-586-2823.

SERVICE AGE BOARS Straight Irish or other foreign bloodlines. No U S. breeding in our herd Reno H. Thomas, Brooks End Farm, Beavertown, Pa 17813. Phone 717-658-5821

If you have swine to sell or buy - check our swine column, It is read weekly by thousands 717-394-3047 or 717-626-1164.

YORKSHIRE AND LANDRACE boars and gilts of all ages. Pseudorabies negative tested boars for sale at all times Production tested, certified meat tested, Show winners with many carcass champions. Daily drive-in and drive-out service Reno H Thomas, Beavertown, PA 17813. 717-658-5821

For Sale - Duroc service age boars, sired by Midwestern bloodline. Fast gaining, aggressive breeders Pseudorabies free herd #34, validated #133, delivery can be arranged Rick Pfautz, Stevens, PA 215-267-3739.

125 Hampshire - Yorkshire open gilts Also service age boars of both breeds. John Strawbridge, Stewartstown, Pa. 17363 301-996-2022

For Sale
Duroc and Landrace Boars
from production tested sires. **Crossbred gilts** from Landrace or Yorkshire sired litters. Crossbred litters maintain a 9 plus weaning average over 300 litters per year.
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Rd 5, Box 428
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717-665-6220 Mark
717-665-2588 John

DUROC & SPOTTED BOARS
Duroc, Spot, Crossbred Gilts
(Delivery available)
BOURBON SPRINGS FARM
R2, Newville, Pa. 17241
Kenneth Ketterer
Phone. 717-423-6250

Healthy Open Gilts
Pseudorabies Free Herd #38
IVAN SENSENIG
East Earl, Pa.
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FOR SALE:
Bred gilts due in February and March Growthy big-framed and Sound Bred to a super-sound. modern type son of H P Hostage These gilts are same breeding as several Farm Show Champions. Lancaster County. FFA. and several county fair Grand Champion Market Hogs These gilts will raise some top Market and Breeding Show pigs Also Boars and Open gilts for sale Validated and PRV Free Herd
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SWINE

PUREBRED HAMPSHIRE BOARS
PRV Negative Tested
Stauffer Homestead Farms
Rte. 2 East Earl, PA
215-445-6209

SWINE

AGGRESSIVE BOARS FOR SALE
These Boars Just Off Test
PUREBRED

Boar No.	Lbs. of Daily Gain	Days to 230	Feed Efficiency	No. Weaned
48-1	2.73	160	2.69	11
47-3	2.53	137	2.69	11
47-6	2.93	148	2.69	11
48-3	2.53	153	2.69	11
48-7	2.3	164	2.69	11
47-7	2.33	163	2.69	11
48-6	2.36	163	2.69	11
46-7	2.53	156	2.69	12
47-5	3.06	144	2.69	11
46-4	2.73	149	2.69	12
46-8	2.63	156	2.69	12

CROSSBRED

4	2.23	149
1	2.4	157
5	2.26	149
2	2.2	168
9	2.3	153
6	2.53	152
7	3.03	145
8	2.36	169

We also have a good selection of tested boars that are ready to upgrade your herd.
Young Boars For Sale Also.
CROSSBRED GILTS FOR SALE
Brucellosis and Pseudorabies Tested Negative Herd
Buy Predictability and Healthy Breeders
Our A.I. Boars and Gilts are really growing!
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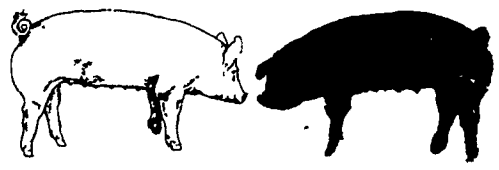

QUALITY - Our hogs are marketed at Hatfield Packing Co. 95% #1. No. T.B. **PRODUCTION** 1979 - 131 Litters, wean ave. 11.3 1980 - 97 litters, wean ave. 11.5 1981 - 48 litters, ave. wean 11.1. **FEED EFFICIENCY** 1976 PA State Test Station Most efficient pen purebred hogs 2.96# feed/lb. gain. 1979 top boar, PA State Test Station, 2.63# feed/lb. gain. 1980 Top Boar Delaware test station 2.24# feed/lb. gain. **HEALTH** Vaccinated against Lepto, Erysipelas, and Rhinitis, Brucellosis free herd #101.
Pseudorabies free herd #53.
Approx. 100 boars available at all times.
Price $ 300 - 500

YORKSHIRE BOARS AVAILABLE
5 ready for heavy service, 9 April Boars - Dec. service, 6 May boars, 25 June boars.

We will be delivering boars to PA Farm Show daily. Call early for best selections.

Free delivery in Lancaster County most Mondays.

We are located 30 mi. from Lancaster, 10 mi. from Farmer Boy Ag, 1 mi. from Tri-County Swine Systems.

Call or Write

Yorkshires	Durocs
Leon L. Arnold	Lawrence Arnold
Rd 7 Box 705	1245 Cumberland St
Lebanon. PA	Lebanon. PA
717-273-5880	717 272 9827

Next Sale February 13th

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Farmer Boy model 70 hog shelter with pen divider, weather guard and 16 hold Smidley feeder, used 1½ yrs., very good condition, 717-682-3071 after 6 p m.

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Batch mixer, Supreme model 7004 w/electronic scales. Good condition Call 717-299-3638

SPECIALIZING IN UP-TO-DATE DESIGN & QUALITY CONSTRUCTION OF HOG CONFINEMENT SYSTEMS.
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Chicken nesters, feeders, etc. 200 pcs. to roost 500 birds. $450 takes the farm. 301 833-4536

POULTRY & SUPPLIES

AVAILABLE
Ready to Lay Floor Grown
DeKalb XL Link Pullets
40,000 - Dec. 1981
22,000 - Jan. 1982
12,000 - Feb. 1982
15,000 - March 1982
Call For Details

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DEKALB BROWN & WHITE EGG LAYERS
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High Pressure Washing & Spraying
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Wanted-Heavy hens. We buy, sell and haul all kinds of poultry. Yank's 215-494-4578.

BABY CHICKS - Hubbard Leghorns, Golden Comets, Sex-Sal, Hy-Line Leghorns, Barred Rock, White Rock, Reds and 10 other breeds. Also turkeys, ducks, geese, guineas, and game birds. CASE HATCHERY, 79L Brodbecks, Pa. 17308, 717-235-2050

For Sale - 30 case Egg-o-Matic grader and Seymour speed pack and Featherlite washer, exc. cond., been running, $3000 or best offer 717-569-4763

Jamesway 5 tiered brooder, 500 chick capacity, exc. cond., $200 W H Bates 215-459-3212 let ring.

NEW LOW PRICES. Egg cartons, misprints when available $15 - 1000, New Cartons $38 - 1000. 717-665-5927 or see Eddie.

Sell direct to us for cash.
* Fowl
* Pigeons
* Bantams
* Pullets
* Capons
* Rabbits
* Guineas
* Chuckers
* Turkeys
* Lambs
* Goats
JACK MINTZ POULTRY
215-267-4784

FEED & SEED

For Sale - Special trailer loads Peanut Hulls, $28 ton plus transportation Suffolk, Va., immediate delivery. Bomberger's Store. 717-665-2407

58 acres of grain Sorghum for sale off of field. Call anytime. 717-264-7145 Franklin County.

Chambersburg, Hagerstown, Gettysburg, Frederick areas. Highest price for good hay. Cash in your hand 301-739-8035

Drying and storage of shelled corn available Lancaster County. 717-299-4462

FEED & SEED

For Sale - Round bales, Timothy, Orchardgrass, Blue grass mixed $30/bale loaded on your truck Also wheat and Barley straw $20/bale loaded on your truck. Call 717-624-7585 or 624-2429

For Sale - Mulch hay round bales 717-761-0651 After 8 PM

Will buy moldy grain. 301-833-1847

Want to buy hay at farm by trailerload in South and Central PA Contact J.H Mears 703-347-1414

Buying and Hauling hay. All kinds and quantities 717-432-9442

18 Varieties WAXY Seed Corn Available, also Dent Seed Corn, Soybeans, Alfalfas. Contact George Steele, Custom Farm Seed, 717-665 6931, Dealerships Available

High moisture corn Ear, shelled or ground delivered or at field 301-357-8698 before 8 AM or 301-666-0079 evenings

Invitation to Bid on approximately 500 bushel shelled corn located near the corner of County Line Road and Park Road, Winfield, Pa. Delivery basis as is where is Bids will be opened in ASCS office, Middleburg (Snyder Co) on 12/11/81 10:00 A.M.
Telephone 717-837-0007 For Details

PEANUT HULLS FOR SALE IN BULK
$42.00 Per Ton
Delivered within 10 mile radius of Lancaster.
Other areas based on mileage
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WANTED
Ear Corn & Shelled Corn
RONALD S. KEENER
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For livestock and poultry beddings.
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CUSTOM GRAIN DRYING AND STORING
Fast Unloading and Loading
225,000 Bushel Storage Capacity
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Call For Prices.
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RD 1 Milton, PA 17847
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For Sale - Bright Wheat straw, will deliver. Stump Acres, York Co 717-792-3216.

Wanted - Ear corn, good quality only. Will pickup at your farm. Ken Miko, RD 3, Schuylkill Haven, Pa.717-739-4586.

For Sale - Oyster shells, Contact Nelson Weaver & Son, Inc., Lititz, PA 717-626-8538

Wanted - Alfalfa, clover, mixed and Timothy hay, top quality only. Pay at your local scale. Fred Messling, 15 Glen Ave., Phillispburg, NJ 08865. In business 31 years 201-454-8259.

Shelled corn for sale. 412-794-3863

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ALFALFA, TIMOTHY & MIXED HAY & EAR CORN
Will pickup
JAMES G. KREIDER
717-786-3936
Lancaster Co.

MULCH HAY WANTED
Call for current price.
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Good Quality Only
Will pickup at your farm.
KENNETH MIKO
R.D.3
Schuylkill Haven, Pa.
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BUYING EAR CORN AND SHELLED CORN
Picked up at your farm or delivered to Manheim.
JAMES E. NOLL
RD 2, Manheim, PA
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FOR SALE
SAWDUST & SHAVING MIXTURE
Bulk Loads
50 mile radius of Harrisburg
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FEED & SEED

BUYING EAR & SHELLED CORN BARLEY & WHEAT
Receiving Daily
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Shelled corn and soybeans
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Buying and selling high moisture corn and dry corn
Call for price.
Trucking Available.
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RD #1, Marietta, PA
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BUYING AND SELLING SHELLED CORN
CONTRACTING NEW CROP CORN

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R3 Lititz, PA
717-569-7929 717-569-4383
Located along Route 272 ½ mile off Oregon exit of Route 222 bypass.

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For immediate delivery
45' trailers
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Delivered, or F.O.B. Your Tank
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feeding Hay & Bright Straw
We haul or you can haul.
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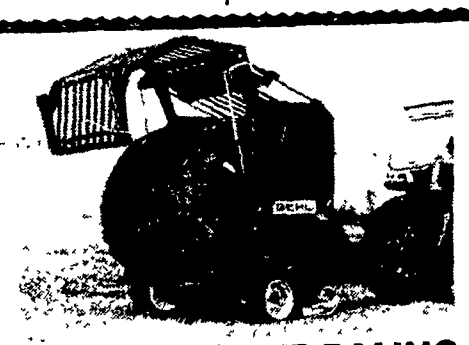

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Bologna, ring bologna and franks.

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Experienced person to work on dairy farm, help with milking and general farm work, house provided Middletown area. Write to Lancaster Farming, P.O. Box 366 R-81, Lititz, PA 17543

Teenage hired person wanted for spring 1982 David Glick, 99 Zook Lane, Lancaster, PA 17601

Companion for elderly woman, Doylestown area, 8 hr schedule, references necessary Send resume to A Russ, PO Box 583, Warrington, PA 18976

Wanted - Christian couple to help manage a modern breeding kennel in Chester Co Beautiful country setting Work 6 days/week, Blue Cross/Blue Shield, new 5 room apt. w/utilities along w/all eggs, milk and meat included. Salary $800 per month Top references required. Only non-smokers need apply. 215-933-3600

Wanted - Christian couple to work on modern dairy farm with milking parlor Must have experience and reference. House on farm Chester Co. Write Box 366 J204, c/o Lancaster Farming, Lititz, Pa 17543

Person with management ability for registered Holstein herd. House, etc. Experience and references. 717-464-3752

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HELP WANTED

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Red Stone Farm
RD 5 York, PA 17402
717-266-2867

HELP WANTED

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ALSO
Position for agricultural equipment salesman with field experience.

Confidential Inquiries
Salary and benefits open.
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P-T HOUSEKEEPER - light cleaning of offices. 3 days-week (9-12 AM)

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175 HP Cat engine, 5 sp. - 2 sp. trans., 1000x20 tires, dual 50 gallon tanks, XMG-20 Thermo-King unit, new paint.

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Tandem axle diesel sleeper, 318 Detroit engine, 10 speed transmission, PS, AC, with or without new paint.

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Tandem axle diesel sleeper tractor, 350 Cummins engine, 13 speed transmission, power steering, A/C, overhauled.

1977 GMC JC 9640
Tandem axle diesel, conventional cab, NTC 290 Cummins engine, 10 sp. trans., 38,000 rear axle, PS, AC, low mileage

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Single axle diesel, conventional cab, 238 Detroit engine, 10 sp. trans., PS, AC, Air Shield, just overhauled, with or without new paint.

Complete maintenance records available for inspection. Other makes, Models & types to choose from.

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TRUCKS & TRAILERS

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Manager seeks position in farming and/or Agribusiness. Experienced in all phases of purebred and commercial cow/calf herd management, pasture, haying, and corn production Special talents include efficient organization and management of personnel. B.S. Animal Science. Call 703-953-1828

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"NEW DUTCH IMMIGRANT with 20 years experience in tobacco, soybeans, cotton, cattle and general farming, seeks employment anywhere.
Reply. J Smit Indian Trails Milford PA 18337 c/o General Deliveries Phone (717) 686-1545."

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Young, experienced person w/small family wishes to manage crop farm in Pennsylvania. Experienced in all aspects of field work and related areas. Welding, Mechanics and etc College education. Also seed dealer Needs good salary and house. Recommendations available

Send replies to
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P.O. Box 366 J-205
Lititz, PA 17543

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HELP WANTED

WANTED IMMEDIATELY

Married man for progressive Holstein Dairy Farm in Northampton County, Pa. Experience preferred, but will train the right man. 100 cow free stall, milking parlor operation. Equal time spent with cows and crops. Excellent compensation. Benefits and housing. References required. Call after 7 P.M. 215-588-8447

TRUCKS & TRAILERS

TRUCKS & TRAILERS

Hostetler Truck Bodies & Trailers

Livestock Trailers
Grain & Dump Trailers
Flatbed Trailers

Grain and Livestock Bodies
Stake and Contractor Bodies
Utility or Service Bodies

Rt. 322, Milroy, Pa. 17063
717-667-3921

TRUCKS & TRAILERS

14' insulated body, rolling back door side door 100" from cab to axle Frystown 717 933 8655

22 foot livestock box for sale Two side doors with pull out ramp. Back door with drop ramp and roll up door Real good condition Best offer 717 367 3202.

TRUCKS & TRAILERS

For Sale - 1972 45'x12'6 Brown smooth side van trailer side door, slider, 20 tires 19/1 45'x13'6" Gindy van trailer, slider, 20 tires 3 low cost flat trailers for hay or grain storage trailers for sale or rent Keens 717 626 5420

For Sale 1967 GMC pick-up Location New Cumberland, PA 717-774-4413

Mack R685 1969 new 237 engine rebuilt, 5 speed transmission 10 00x20 radials Good condition 717-379-3057

JEEPS, government surplus, listed for $3196, sold for $44 For info Call 312 131 1961 ext 1270

Ford 700 1969 with 24' Grove rollback $5500 A good cheap truck 717-265 9014

1973 Mack 10' Dump, New Paint $10,500 1979 Dodge T Plate Alum Dump $7,500 1971 IHC 2010A Prentice Loader, Log Bunks Tandem $13,600. 1971 IHC 1300 4x4, Dump $3,500 Others 814-793-2829 Curry Supply

'76 Chevy pickup C30, PB/PS, good cond. 717-367-4846

TRUCKS & TRAILERS

Energy Hyd truck hoist Sales & Service Andersons Repair Shop, Rd 1, Felton, PA 717-244-2039

For Sale - 1970 Ford F1000 with sleeper, 250 Cummins engine with 10 speed, tandem axle, $3900 1970 Ford, rebuilt gas engine, single axle, $2900 717-866-4906

For Sale - 12' used steel cattle body 21' used wood cattle body Used 24' aluminum livestock body, used 18' aluminum livestock body Both aluminum bodies in excellent shape M H Eby, Inc, Blue Ball 717 354-4971

Cherokee & Rawhide stock trailer, dump grain trailer, farm flat beds & horse trailers Gooseneck & bumpers available 201 782-8771

1977 Chevy 20 350 engine P S. Auto, Good condition 717-529-2538

Truck bodies - New and used Call for prices and availability J.R Opp Co, R D 1, Muncy, PA 17756 717-546-3397

1968 White 270 Cummings, RTO 915 trans, 38,000 lb rears, $3000 Northumberland Co 717-425-3697

'74 Shoop 4 horse gooseneck trailer, 6'6" high, removable partitions, heavy duty, exc condition, $2000 Lanc Co 717-442-4259

1960 International 200 truck, 5 + 2, air brakes, could take 60' body $1000 302-492-3287

20' steel bed and 22 ton hoist for trucks, removable 30" steel sides. 717 682-3495

1976 Chevy cab & chassis, Long wheel base tandem w/318 Detroit, 13 spd., 38,000 rears, 16,000 front 22' of frame behind cab 717-253-3338

For Sale - 1972 GMC cattle truck, 14' Hostetler bed. 4500 series. Also 4 international truck rims 814-766-2723

AUTOMOBILES

PETS

Doberman and Rottweiler Wonderland, over 100 puppies and adults for sale. Champions at stud 215-933-3600

NOTICE

NOTICE - Truckload Tools Sale Fri and Sat, Dec 4th and 5th 20-70 percent off Leroy B Esh Hardware, Intercourse 717-768-3681

TRUCKS & TRAILERS

1974 International 1800 5/2 trans, air brakes, PS, V-8, 24" Schwartz power deluxe roll bed $12,000 trades accepted
DENNIS M. MILLER EQUIPMENT
Rt. 22 Grantville, PA
717-838-1888 anytime
717-469-0937 daily

1975 and 1976 Dodge pickup parts, 6' camper top. Berks Co 215 987-6106

1974 GMC ½ ton pickup, 3 speed, power steering, good tires $450 301-795-9631

For Sale - 1978 GMC 1 ton crew cab pick up truck 4 speed 9000 GVW Call 717-273-7394 evenings

18' wooden cattle bed with roof.
$1200
301-739-2315

AUTOMOBILES

1977 Plymouth Fury wagon, 360 engine, p steering, p. brakes, cruise auto. clean, $1895 Phone 717 776-3389

1973 LTD Ford, 4 door, auto. trans PS/PB, air, good running cond. $400. Lebanon Co. 717-838-1434.

For Sale - 2 rims for 18 5x14 tires. Rims are from a 1965 Chevelle. Call 717-898-8969

PETS

For Sale - English Springer Spaniel pups AKC Liver and white Black and White Males/Females Shots, wormed Good hunters Good pets. H J. Bicksler, 717-838-4340

Tame Ferrets Smart, lovable housepets Racoon faces, Great mousers Eats meow-mix $60-$75 Ferret book $5 00 717-349-7610

Golden Retriever puppies, AKC, shots & wormed, Champion pedigrees Guaranteed healthy Orwigsburg 717-943-2920

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Puppies, 6 to 9 weeks old, in litter lots Pure breeds and half breeds Cash money paid. Will pickup every Wednesday For resale in my pet shop Write to Charles Hackett, 3743 N 5th Street, Philadelphia, PA 19140 or call between 12 noon & 6 p.m. Mon, Tues. & Thurs only 215-229-0449 Give breed-age-color when writing. Also some kind of direction. Thank you

MISCELLANEOUS

Wanted - Indian motorcycles or parts made before 1953 Scott L Loughead, 407 N Five Point Road, West Chester, PA 19380

NI 206 manure spreader, used 2 yrs 6 yr old gelding Morgan Standardbred Lots of life & has been worked in field 717-483-6953

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Ink Pads Available
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1980 Ford Bronco, 6 Cyl., 4 Spd., PS, PB, AM-FM, 8-Track, 9,000 Miles..... $8495
1980 Chevy Scottsdale Shortbed 350 V8, Auto., PS, PB, AM/FM, sliding rear window lock-out hubs..... $7895
1979 Ford F150 Super Cab, 400 V8, 4 Speed, PS, PB, Lockout Hubs, 6400 GVW, 34,000 Miles..... $7495
1979 Ford 150 Custom, 351 V8, Auto., PS, PB, Air Cond., AM Radio, 35,000 Miles..... $6995
1979 Dodge Club Cab Short Bed, 360 V8, Auto., PS, PB, Air Cond., AM-FM, Adventurer Package..... $7495
1979 Subaru Brat, 4 Cyl., 4 Speed, AM-FM, Rally Wheels, 1 Owner..... $5895
1979 Jeep Cherokee Golden Eagle, 360 V8, Auto., PS, PB, Air Cond., Tilt Steering Wheel, Cruise Control, AM FM & CB..... $6495
1978 Ford F250 Ranger XLT, Crew Cab, 400 V8, Auto., PS, PB, Air Cond., Tilt Steering, AM-FM & Cassette, Lockout Hubs, 35,000 Miles, 6½ Ft. Bed.. $7895
1978 Chevy Blazer, 350 V8, Auto, PS, PB, AM Radio, Posi-Rear, 2 Tone Paint, White Spoke Wheels..... $5995
1977 Jeep CJ-5, 304 V8, 3 Speed, Lockout Hubs, Hardtop..... $4995

VANS

1980 Ford E150 Cargo Van, No Windows, 6 Cyl., Auto., PS, PB, AM Radio, Long Wheel Base, 27,000 Miles..... $6495
1978 Dodge Royal Sportsman, 12 Pass., V8, Auto., PS, PB, Air Cond. Front & Rear, 36 Gal. Fuel Tank, AM-FM-CB, Reclining Seats, 47,000 Miles..... $6995
1977 Dodge Maxi Window Van, 318 V8, auto., PS, PB, radio, 42,000 mi..... $4295
1973 Dodge Panel Van, 318 V8, Stand. Shift, Carpeted Interior..... $1895
1973 Ford Van, 6 cyl., auto.... $1495

DUMP TRUCKS

1973 Chevy C65 10 Wheeler, 56,000 GVW, 427 V8, 5 Speed, with 4 Speed Aux. Trans., 76,000 Miles - A Real Worker..... 11,900

HEAVY TRUCKS

1977 Ford F750, 18' Box, 391, V8, 5 Spd., 2 Spd. Rear Axle, PS, w/Air Brakes, 10x20 Rubber, Twin Fuel Tanks, 23,000 GVW..... $6995

PICK UPS

1980 Toyota Long Bed, 3/4 Ton, 4 Cyl., 5 Spd., AM Radio,, 26,000 Miles..... $6495
1980 Ford F150 Super Cab, 6 Cyl., 4 Speed Overdrive, PS, PB, AM Radio, Cap., Black, 17,000 Miles, Like New..... $6995
1980 Chevy Suburban, 350 V8, Auto., PS, PB, Air Cond., AM Radio, 2 Tone Paint, 29,000 Miles..... $7495
1979 GMC Jimmy, 2 Wheel Drive, 305 V8, Auto., PS, PB, AM-FM-Stereo, Rally Wheels, High Sierra, Black, 29,000 Miles..... $5995
1979 Ford F150 Super Cab, Ranger, 351 V8, A, PS, PB, Air, AM-FM, 2 Tone Paint, Bench Seat in Rear.. $6995
1979 Ford F250, V8, Auto., PS, PB, AM Radio..... $5295
1979 Ford Ranger F100, 302 V8, A, PS, AC, AM-FM Radio, 17,000 Mi..... $5995
1979 Ford F150 Custom, 302 V8, A, PS, PB, AM-FM, Radio, 17,000 Mi..... $5695
1979 Chevy C20, Crew Cab, 350 V8, A, PS, PB, Air Cond., AM Radio, 34,000 mi..... $6995
1978 Dodge D150, 318 V8, A, PS, PB, Air, AM Radio w/CB, 2-Tone Paint..... $5495
1978 Ford F250, 400 V8, A, PB, AM Radio 6800 GVW $4995
1978 Chevy C-20, 6 Cyl., Auto., PS, PB, AM-FM Stereo & Tape..... $4995
1977 Chevy C-20, custom 350 V8, auto., PS, PB, AC, AM radio, sliding rear window, 43,000 mi..... $4895
1977 Ford F100 Explorer, 302 V8, A, PS, AC, AM Radio.... $4995
1976 Chevy C-10, 350 V8, Stand. Shift, Short Bed, PB..... $2995
1976 Ford F150 Custom, 360 V8, Auto., PS, PB, Air Cond., AM Radio..... $3995

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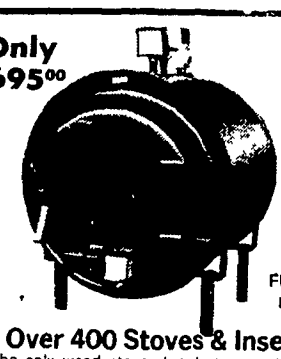

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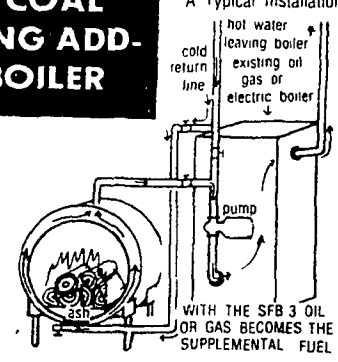
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Factory fresh cedar chest kits, oak flooring, plywood. Phone Tom Hostetler. 717-539-4091.

FOR SALE - New and used automatic washers, dryers, gas and electric refrigerators, ranges, used wringer-engine washers, new bedroom furniture Open 7.30 to 4 30, Saturday, 7.30 to 12.00, evenings by apointment Myer's Washer-Dryer, Rt . 772, between Brownstown and Leola 717-656-7169

Wanted - Paper contents of old business files or warehouses. Quick cash and fast pickup 717-393-4336 evenings.

DRUMS & BARRELS - New and used plastic steel and fiber Fresh, empty wooden barrels for wine & cider Local and Long distance delivery Reliable Recyclers, Inc 114 S Maple Ave , Leola PA 717-656-4211

For Sale - Hobart 300 amps generator mig welder, 3 phase, 220 or 440 volts 717-935-2056

4 burner bottled gas stove, ideal for country home or deer camp Make an offer Call 717-626 8078

Generator 46 KW, 110 208-220 3PH, 6 cyl diesel, turbo charged, exc cond Radial arm saw, Dewalt 22", 10 HP 201 431 0391

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Award Winning Coca Cola Cake Delicious! Melts in your mouth! Try it! Fantastic Holiday Dessert Recipe $1 25 SEE, Box 6401, Canton OH 44706-0401

Wanted - Firewood Market Buyer must load and haul Bids based by the full cord 717-254 6558 Or mail bid to. Mike Simon, RD 1, Jermyn, PA 18433

Storage Space for Rent - Mtrcycls $10, cars $15, boats, campers 18' $15' $2 00/ft /mo Lancaster County 717-872-4348

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Kerosene Drums - New & Used 5 to 55 gal. Sizes 717-656-4211

7' Myer snowblade w/hydraulic cylinder and mount, used only two hours. Adams Co 717-6/7 8715

For Sale Walnut, Cherry and Rock Oak untreated Call 717-776 3239 anytime

For Sale - Toledo Scales XN6000, 20 tons, very good cond 717-692-3805.

Closed carriage, shag interior (tan), front brakes, needs paint job, $1000 A.K. King 1241 Gypsy Hill RD Lancaster, PA 17602.

FARM TOYS FOR XMAS, heavily constructed Allis Chalmers miniatures from stocking stuffers to chain drive pedal tractors and tow wagons Priced 20% below toy stores or mail order. Call TOWNE TRACTOR, 201-431-3838 We ship same day, United Parcel.

For Sale - 1972 Datsun 4 door, new inspection, runs good, double ring tractor chains 14 9x24 2 pair 14"x62" chains Call 717 224-2504

REAL ESTATE

For Sale - 133 A dairy farm, 95 A tillable. Large house, barns, lake & pond on property York County Delta Area. 717-394-6334

Farms, Land, Homes, Business Locations, High Traffic Locations, woodland, pond, homesites, livestock/poultry/storage buildings, roadside markets, car lots, showrooms/garages, store, gas station, car wash. Some low rentals with good potentials. Some in good farming areas. Some minutes from seashore casinos. Some owner mortgages 10%. My 5 acre beautiful farmland, fruits, nuts, holly, 10 room house, river front. Clip and save ad!

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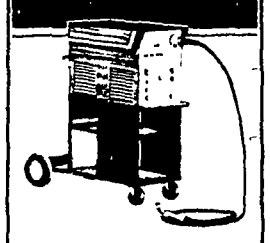

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REAL ESTATE

For Sale by Owner. 119 acre farm in Union Co 100 tillable acres equipped for beef and hogs. 717-922-1410

For Sale - 33 acres in central Pennsylvania bordering Penns Creek by 2280 approximate feet including 4/10 mile road frontage. $50,000 717-922-1410

Wanted to Rent - Barn w/access to water and pasture for cattle. Downingtown-Honeybrook area 215-269-3748 leave name and number

2 story remodeled farm house, large barn, machine shed w/hay storage, hard road frontage, 2 wells w/10-25 acres available In Martinsburg West Virginia area Ground is all tillable 304-725-7147 or 304-725-9150.

Wanted - Small crop farm with modern home Please include price, taxes, commercial possibility etc. Reply to Box 366 J-207, c/o Lancaster Farming, Lititz, Pa 17543

90 acre farm near Seven Valleys, PA Large house, barn, outbuildings, spring, stream Good tillable land Owner financing at 12% Post Real Estate 717 235 6811 or 235 1326

For rent - 1 bedroom apt with utilities, no children or pets, young married couple preferred Berks Co 215 987 6106

120 acres w/heifer barn and house Tioga Co 717 549-6001 after 8 p m Mon -Thurs

For Rent - 4 bedroom farm house west of York, newly decorated, fuel oil furnished, references and security deposit, $325 per month plus utilities Available Dec. 16 Prefer retired person or teen age boy to work on farm STUMP ACRES 717-792 3216 York Co

Farm for rent, 138 acres, with pipeline and silo 814-239-2593

Juniata County farm about 180 acre, two houses and barn, well and two springs Clarence Peterson Honey Grove, PA 717-734 3941

For Sale - 108 A± approx 85 till in Mifflin Co 3½ miles W of McClure, on Rt. 522 2 farm houses, barn & other small buildings $115,000 firm 20% down balance after New Year Call after 4 PM 717-374-9125

Dairy Farm For Rent 175 acres located in Union County PA 80 cow stanchion barn Large 5 bedroom house Phone 717-966-0996

For Sale Dairy farm Bradford County 106 acres, 50 cow tie stall barn New pipeline attached free stall heifer barn 4 silos, bunk feeder, equipment shed, 4 bedroom house, all in good condition FHA mortgage. 717-746-1575

FOR SALE OR LEASE PURCHASE
50 Acre Poultry Farm in Perry County, PA 35,000 layers, 4 year old completely automated chicken house Large bank barn with stables and riding ring New Alcohol still Remodeled log home Additional income possibilities and development potential
CENTURY 21
WALAK ASSOC
Phone (717) 763-7991

For Lease or Rent good terms, 180 acre dairy or beef farm with 4 houses, 2 barns, milking parlor, freestalls for 90 cows, another 90 acres adjoining can be purchased, Harford Co 301 452-8452

For Sale - 110 acre farm Lykens Valley, Dauphin Co possible financing available. 717-362 9233

Wanted to Rent - Farmland Write P O Box 444 Federal Square Harrisburg, PA 17108

REAL ESTATE

SALE OF FARM BY UNITED STATES GOVERNMENT ... containing 73 37 acres, approximately 58 cropland, approximately 12 acres woodland and pasture with balance in farmstead and roads. Bank Barn-with free stalls, trench silo, corn shed, and milk house. 2 story brick dwelling with two living units. Formerly owned by George E. Sensenig, Jr and Deborah A Sensenig, located in Township of Londonderry, County of Dauphin, Commonwealth of Pennsylvania.

BID DEPOSIT - Bid must be accompanied by cash (sent at bidder risk), certified check, postal money order, or bank money order payable to the Treasurer of the United States, for at least 5% of the total bid.

RATES AND TERMS. Cash, or terms of not less than a 5% down payment with the remaining balance amortized over a period not to exceed 25 years at 15% interest

TERMS OF SALE Contact County Supervisor, Farmers Home Admin 528 East Penn Ave , Cleona, Pa. 17042 for appointment to inspect the farm Sealed bids are invited and will be accepted until 9:00 a m EDST, December 8, 1981, at the FmHA address, and will be opened publicly at 11 00 a m EDST the same date and place The Government reserves the right to reject any or all bids This farm will be sold without regard to race, color, religion, sex, age, national origin, or marital status

Bid Forms and further information may be obtained at Farmers Home Administration, 528 East Penn Ave , Cleona, PA 17042 Phone (717) 274-2879

PUBLIC NOTICE
THE FARMERS HOME ADMINISTRATION HAS FOR SALE, FROM TIME TO TIME, RESIDENTIAL AND/OR OTHER PROPERTIES ANY LICENSED REAL ESTATE BROKER INTERESTED IN LISTING THESE PROPERTIES SHOULD CONTACT THE FARMERS HOME ADMINISTRATION AT 528 EAST PENN AVENUE, CLEONA, PENNSYLVANIA 17042, TELEPHONE (717) 274-2879

7+ fertile acres farmland commercial, house/store, paneling, volume well, barn, shed, 1100' adjacent Rt 13 Canterbury, south of Dover, Delaware, U-pick, livestock, homesites, stores, horse/tractor opportunities $3000 yearly rental. Suggest purchase price and payments, subject to approval. Mulch Layer/Transplanter Dealer/Owner 609-881-7023 early morning, late evening Friendly Phil Gardiner, Glassboro, NJ 08028 Clip & Save Ad!

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Outstanding 516-ac spread just 3 mi outside town Large 5-bedrm, 2 bath Early American home Three barns Tillable 171 acres, pasture for 100 cattle Woodland Drilled well, lake site $185,000 Terms STROUT REALTY, Inc , P O Box 368, Bath, NY 14810 (607) 776 4988 Free Local Lists

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REAL ESTATE

For ... 4 room house, ... aged couple, nice yard and parking. Neffsville, Lancaster Co., 717-569-1170

2 Farms consisting of 120 acres of very fertile land, 2 sets of buildings for sale by the owner, John Strawbridge, 301-996-2022

If you're looking for a farm, land or have any other real estate needs, you'll find what you want in the Real Estate classifieds 717-394-3047 or 717-626-1164

For Sale - Perry County, 1 to 8 acre woodlots, approved. PH: 717-438-3115.

Nice little 58 acre farm for sale in Juniata Co. 717-527-4093

For Sale - Farm, Perry County, 221 acres, house and barn. 717-438-3115.

North Baltimore Co.
100 acre farm with southern exposure, 65% tillable, has large barn and silo and outbuildings, some financing available with possible MD farm preservation participation. $2000 per acre. More land also available 301-343-0713

Tioga County 65 acre farm with stream, barn, new slaughter house Ranch style home with 3 bedrooms, 1½ baths, 2 car garage 717 724-3768 Call 717-724-3853. evenings and weekends

For Sale by owner 240 Acre farm in Juniata Co Call 717-436 8309 After 5 PM

FOR SALE BY OWNER, 60 acre Berks County Farm Up to date poultry house for 35,000 layers (now on contract) Also good horse facilities for the serious horse breeder. Farm house, 2 mobile homes, 2 wells, stream, quiet rural setting Only serious inquiries. No brokers. $390,000 (215) 562-7776

DAIRY FARM FOR SALE - 102 acres, river bottom land, approximately 80 tillable, 40-stall barn, 2 silos, large loafing pen. Lewistown, PA 717-248-0839

Wanted to rent - Young family with own cows and equipment looking for dairy farm to rent in the Bernville area Berks Co 717-933-8359

211 Acre Dairy, 100 tillable, 51 cow barn 2 silos, 900 gallon bulk tank, remodeled 4 bedroom home, 1½ bath, 3 ponds bordering State Game Lands Norwich, NY 607-334-8535

109 ac. Dairy farm near Chambersburg, PA 44 stanchion barn, 75 free stall barn with feeder 20x60, 20x30 Harvestore silos $290,000 Phone 717-263-4319

For Sale - Maine Egg Farm. Cage layer, building 50'x262', built in 1973 All equipment, 40 acres of land, nice 3 bedroom mobile home Operating under contract Owner will finance with $30,000 down Tel 207-495 3859 Write, G Penney, Box 120, Belgrade, Maine 04197

Do You Realy Want To Sell Your Farm?
Contact
Van Cleve Real Estate
Specializing in Farms & Land
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FOR SALE
Attractive 16 acre land in the heart of Union County, all tillable limestone soil. Ideal for home or small farm. 4 miles to Lewisburg. 5 miles to Vicksburg. By owner.
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REAL ESTATE

FOR RENT
100 ACRES
3 bedroom brick house, bank barn, two 100' hog barns, pond, secluded w/ long lane. Adams Co.
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Young Christian couple seeking house, barn and pasture for 35 cows.
Write to Lancaster Farming, P.O. Box 366 R-83 Lititz, PA 17543

28 ACRE FARM
25 tillable. 2 bank barns, 30x80 farrowing house, fenced meadow, good water supply, good truck farming opportunity with fast growing local markets, assumable mortgage at 9% Lancaster Co
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Completely equipped 115 acre farm to raise and finish 2400 pigs yearly, 80,000 Bu. grain storage, good location near Chesapeake Bay call or write for details -
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Maryland 20653
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REAL ESTATE

Franklin County - 77 A. house, barn, 60 A tillable. Asking $125,000. Other farms and land.
VanCleve Real Estate
717-392-3032

FARM FOR SALE
SNYDER CO. PA.
122 A (approx) 60 A tillable 55 A good timber large meadow w/stream Nice 2-story 2 family home early possession Owner financing possible
717-658-3352 or write:
RD 2 Box 50
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Farm Price Greatly Reduced, plus Seller May Finance at 9½% Interest
Truly a bargain at this price and terms Farm includes 20-170 acres, as many as you need, 3 year old pullet house, hog barn large farmhouse in good cond No reasonable offer refused Call Bill Snader or Jason Rutter at,
DERRY REALTY CO.
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WESTERN BERKS COUNTY FARM
64 acre horse or beef farm, 45 acres tillable, borders Tulpehocken Creek, 30'x60' bank barn & 6 room house. $137,000.

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Do You Want to Farm?
Then allow us to help you reach your goal. We can do this through several of our listings which have excellent owner financing.

100% financing on 139 acre dairy
#1 125 acre limestone general farm in Cumberland County. 110 tillable - 8 miles from Mennonite Church.

#2 Beautiful dairy with 60 stanchions and pipeline - barn 9 years old. 237 acres-180 tillable. Several equipment sheds and 20x70 silo. A real turn key operation in Union County.

#3 Open acreage in Lancaster County - 46 acres in high state of cultivation. Also another tract of 40 acres.

#4 Large fruit farm in Cumberland County with the possibility of five 10 acre lots.

#5 97 acres of woodland with Campsites and Operating Grist Mill. 10% owner financing.

Call for more information on these and other properties.
FARM & HOME REAL ESTATE
Smoketown, PA
717-291-2270
Sylvester Baum, Carlisle, 717-776-3967
Mahlon Oberholtzer, Lancaster, 717-392-1177
Broker-J. Irvin Denlinger
717-898-8962

REAL ESTATE

BERKS COUNTY FARM FOR SALE

150 acres at R D #1, Myerstown, 85 acres of cropland in a high state of cultivation presently being tilled for small grains and soybeans. This would be an ideal farm to irrigate because it has 2800 ft. of frontage along the Swatara Creek The balance of the land is hardwoods and meadowland. 2½ story farmhouse, summerhouse, old barn which needs repairs, hard road frontage. $205,000. Call Nelson Ebersole. 717-867-4487

SUBURBAN REALTY
30 W. Main St.
Annville, PA 17003
717-273-9358

REAL ESTATE

CHESTER COUNTY FARM

91 acres, 60 acres tillable, balance in pasture, 2 acres woods Large stone and stucco house w/5 bedrooms, barn in good cond Machine shed, 3 car garage, many outbuildings Located at Sadsburyville, 1 mi from Rt. 10 Amish nearby Owner financing possible to qualified buyer $320,000.

22.5 ACRES OXFORD

Large 5 bedroom house, barn suitable for horses, boars, steers, 6 acres tillable, 6 acres of woods, balance in pasture w/a pond Adjacent to Andrews Bridge, Fox Hunting Country. Priced right $85,900.

Jack Meirath Inc.
Oxford, PA
215-932-8687
215-932-8692

REAL ESTATE

REAL ESTATE

HOUSE FOR SALE VERMONT - IN THE HEART OF THE GREEN MOUNTAINS

Contemporary A-Frame plus L's on three acres white birch with spring fed pond. New kitchen with ceramic self-clean range, frost free refrig. All drapes stay. Stained glass, 16'x2' from ground to tip of A-Frame in LR to front of house. Fireplace, loft, sun deck, Cable TV. Full basement, pool table and ping pong. INCOME apt. over attached 2 car garage. Black top road, excellent snow control. Golf, minutes to I-89, Sugarbush, Stowe, Woodstock Ski areas in tranquil, central Vermont. By Owner, Shirley A. Fritz 510 Park Rd., Spring City, PA 19475. Call 215/948-0698 Eve/Wkend 215/933-4010 Day. $85,000 Firm.

REAL ESTATE

62± acre general farm, private setting, large, 12 room home, coal or oil heat. 30x60 bank barn. 35 tillable 15 pasture 10 wooded Possible owner financing. 25% down 12% interest $79 000

Ringtown Valley, 176 acres, lg. gravity water supply to house, barn and pond, vegetable or crop farm, 88 tillable, balance wooded, bank barn, 7 bedroom house, possible owner financing at 10%. $150,000

Lykens Valley 160 ± acre operating dairy farm, new 40 stanchion barn plus 40x100 hay storage barn. new 20x70 silo stream borders. large 6 bedroom home secluded **$350,000.**

Plain Acreage

49 acres secluded but near I-81. 15 tillable, balance wooded, some timber, excellent deer hunting. possible terms at 12% interest $39,000.

PETER B.

CORTELYOU

Real Estate
717-758-9177

REAL ESTATE

RAISE BEEF, PORK OR CONVERT TO DAIRY FARM

This 150 acre farm is well equipped with 2 Harvestore silos, large Slurrystore tank, automatic feeders, loafing pen, 48'x96' implement shed 45'x107' barn, space for 400 feeder steers. 110 acres tillable, 30 acres pasture, and some woodland, plus 3 bedroom and bath home in Berks County. Call now for more information.

A. Clark Burkholder Real Estate
100 S. Locust St.
Myerstown, PA
717-866-5550

SELLERS WANT ACTION PRICES GREATLY REDUCED

Take a look at this beautiful 128 acre Cumberland County dairy and beef farm (Dairy barn needs remodeling) New modern beef barn. 40x104 w/100' bank feeder, new 24x70 concrete stave silo w/unloader Meadow w/stream and pond Large 4 bedroom frame aluminum sided home w/all conveniences Call today for an appointment

77 acre dairy 39 stanchions large loafing area room for expansion. 600 gallon bulk milk tank, stream in meadow, modern home w/all conveniences Located in Southern Lancaster County

Many other farms available.

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717-653-5369
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REAL ESTATE

REAL ESTATE

SHEETZ REAL ESTATE RAY N. WILEY INC.

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Mount Joy, PA
CALL 653-1481

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Farm Salesman - Eugene Kreider

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MOSTLY REGISTERED HERD: over half the Holsteins are registered here, 43 milkers 30 head Y S , A.C diesel tractors & long line of machinery 145 Otsego County acres, 100 tillable Nicely modernized 8 room home 60 cow Delaval pipeline barn, cleaner, mow elevator, 2 unloading silos JUST LISTED AT $225,000 w/terms

PRETTIEST FARM COMMUNITY: 282 acres in prime soil area, level & rolling, stream, 2 ponds, 50 cow barn, cleaner, 600 gallon tank, 2 unloading silos Very good 10 room home Includes 45 Holstein milkers, Y S , JD 4020, Ford 4000 & 5000 tractors, all machinery The area will sell you JUST LISTED! $265,000 CALL SLOANSVILLE OFFICE 518-875-6355

SOUTHERN NEW YORK OFFICE

FANCY CAROUSEL PARLOR on this 400 acre dairy with 230 tillable Accomodations for 180 cows, 5 silos, unloaders, 45x120 calf barn, heifer barn, 60x108 steel machine shed Stylish ranch home ASKING $330,000 with all offers invited High assumables CALL TRUMANSBURG OFFICE. 607-387-9303 FREE CATALOGUES

ST. LAWRENCE VALLEY OFFICE

$8000 DOWN...OPERATING DAIRY: 166 acres, 95 tillable, sandy loam soil. Gambrel roof barn has 34 stanchions, new heifer raising facilities, 6 ton grain bin w/auger, new full length mow elevator Cozy 6 room home Show us better terms anywhere! Owner found neighboring farm he always wanted, sacrifices at $75,000 CALL GOUVERNEUR OFFICE. 315-287-4163

NEW DAIRY BARN...NEW HAY BARN...NEW LISTING! 315 acres w/large stand of woods. Level. Excellent barn for 40 milkers, Patz cleaner, inside manure-drop, nice milk room, 14x40 silo, 36x100 hay barn. Very pretty modernized Cape home, 7 room, new woodmode kitchen $88,000 FOR APPT CALL 315-769-9380 or GOUVERNEUR OFFICE

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BE YOUR OWN BOSS WITH THIS DAIRY SETUP

40 acres, good outbuildings, large frame house, 20 Holstein dairy cows, bulk tank and milking equipment. Priced at $125,000. Snyder County.

717-837-0411

or write
Albert Becker, RD 1 Box 198
Middleburg, Pa. 17842

Owner financing, 96 acre abandoned farm, half wooded, rest native pasture Some timber, springs & pond site. Excellent deer and turkey hunting Old restoreable house #236 $38.000

Owner Financing 145 acre dairy stock or cash crop farm. Both sides of Rt 15 w/cattle under pass 45 acres river bottom land woods fields and pasture 7 room frame house. 4 bedroom Large dairy barn tobacco shed, tool shed, all in excellent condition Park like setting on Tioga River #219 - $125.000

All mineral rights on both properties 140 day growing season

Southern New York, Steuben County.

L E W REAL ESTATE
Dick Wilson - Broker
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607-937-5637

NORTHUMBERLAND COUNTY

Interest rates too high?
Not on these two farms!
Owner financing best buys today.

85 acres, $93,500, 7 room house, oil heat, 4 bay barn, other buildings, stream, road frontage, 12½ percent. You can afford.

117 acres, 8 room house with oil heat, 4 bay barn, road frontage, creek frontage. Great terms. 25 percent down, 12½ percent interest. Now is the time. $145,000.

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Warren Weaver Inc. REALTORS

PROPERTIES FOR SALE

- ★ **DAIRY...140 Acres...3 Silos!**
- ★ **DAIRY...128 Acres...Lg. Stone Home!**
- ★ **DAIRY...153 Acres...Terms!**
- ★ **DAIRY...118 Acres...Terms!**
- ★ **DAIRY...223 Acres...Terms!**
- ★ **GENERAL & WOODLAND...235 Acres ...Low Price!**
- ★ **FARMETTE...15 Acres...$100,000!**
- ★ **GENERAL...50 Acres...5 Bldgs...Terms!**
- ★ **GENERAL...140 Acres...Terms!**
- ★ **MODERN BEEF...60 Acres...Terms!**
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- ★ **LAND...40 Acres...$65,000!**

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Endless Mountain Real Estate Co.

Tioga County

Land Mart REAL ESTATE

Large Stone Quarry in Tioga County, Pa.

Estimate from Geological Information

150,000 Ton of #1 aggiegate approved both State & Federal

125.000 ton of Veneer Stone 100 000 yards of Flagstone and 750 000 Ton of Building Stone located on 9 8 acres #217 $25 000

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Home Ph: 717-549-4173

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First Time Offered

#1 - "94 ACRE HOG or BEEF" 70 acres tillable; balance woodland & pasture. 1½ story brick dwelling, barn, wagon shed, spring. $124,900.

#2 - "157 ACRES" close to Ickesburg. 65 acres tillable; balance pasture & woodland. 7 room, 1½ bath frame house. 56x36 barn, chicken house & wagon shed. Possible owner financing.

#3 - "50 ACRE HORSE FARM" 3 large paddocks, pond, barn, 2½ story remodeled home. $119,500.

#4 - "70 ACRE HOGS or BEEF" 1½ story frame house. Barn and wagon shed. Asking $90,000.

#5 - "SECLUDED WOOD TRACTS" Excellent deer & turkey hunting. 5 to 14 acres $8500 to $19,900. Sales agreements.

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CHESTER COUNTY
WESTERN SECTION

65 acre farm mostly fertile tillable land with 4 bedroom stone home. 3 room tenant house. Large bank barn. Silo. Stream. 2 ponds. Home has L.R., D.R., Family size kitchen with walk-in fireplace.

124 acre operating dairy farm with 82 stanchion barn. 3 silos with unloaders, gutter cleaners, pipeline milker, 1200 gal. bulk tank. Main house is stone with 2 living units. Modern 3 bedroom tenant house. Call for details.

PORTER & PAINTER
Realtors
Exton, Pa 363-7700

NORTHCENTRAL PA. FARMS & INVESTMENTS

Priced To Sell — Priced To Sell

NEW FARM LISTING - 180 acre farm just west of Tioga County Line. Approx. 100 tillable. Good potato ground. 60 acres pasture. 52 cow barn. Two 18x60 silos and a 16x40. Pipeline milker. Nice 3 BR ranch house. Approx. $135,000 of existing FHA money. Priced to sell at $160,000. PH: 717-662-2138 M-211

HUNTERS DREAM - 80 acres mostly wooded in the heart of Tioga Co. Great hunting for deer, turkey and grouse. Owner terms 20% down 11% *interest 20 years with 10 Yr. balloon. Only* $34,000 w-564 PH: 717-724-5921

90 ACRE FARM - 54 acre apple trees, business opportunities for an agressive enterprise. House needs some remodeling. Orchard equipment in good condition. For the young tiger. Only $112,000 W-592.

CALL OR WRITE US FOR OUR FREE LISTS!

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28 Ac. gen. nice setting $69,000
108 Ac. gen. Danville $97,000
20 Ac. farmette w/fruit, Lanc. $135,000
Starter dairy Juniata $155,000
128 Ac. dairy Northumberland $200,000
103 Ac. orchard setup Snyder $275,000

JUNIATA CO.
100 Ac. gen. farmer's farm $149,900
266 Ac. gen. $225,000

NORTHUMBERLAND CO.
100 Ac. gen. $225,000
105 Ac. gen. steer $133,000
10 Ac. veal set-up $50,000

HUNTINGDON CO.
178 Ac. near Raystown Lake $199,000

CHESTER CO.
242 Ac. productive, nice bldgs. $1,200,000

ADAMS CO.
114 Ac. beef, hog etc. $227,000
Several Tracts of Woodland would make nice retreat Snyder & Mifflin Co.

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Phone: 717-569-8701
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(18-T) Laying operation, 2 story 40x130 poultry house for layers and 30x130 one story building used for replacement pullets with all equipment on approximately 2½ acres of land in Franklin Cty. near Waynesboro, PA. Nice random rock cape cod home and 16x50 implement shed, all for $69,000.

(28-T) In PA. near Gettysburg, PA. 49 acres of ground with nine room 2 bath stone house built in 1787 with five fireplaces in working order. Barn, supporting buildings, stream, woods and tillable land. Excellent condition. $198,500

Call 717-642-5851
TOWN AND COUNTRY REAL ESTATE
Fairfield, PA

EXCELLENT BUY

350 acre farm, 150 tillable, 100 cow barn, pipeline milker, 1000 gal. bulk tank, 2 lg. silos, 2 homes, lg. assumable mortgage & much more. $165,000

FREE STALL FARM

300 acres, 100 river flat, 112 free stall, 2- 24x60 silos w/unloader, lg. heifer barn. Excellent 2 family house. $255,000

FAMILY FARM

Stocked & equipped dairy farm, 315 acres, 130 tillable, barn ties 54 cows, 1000 gal. bulk tank, new pipeline milker, good 10 room house, cattle & machinery 100% finance 8½% interest. Purchase bare or complete $50,000 down $227,000 total.

Send for free property list

McKEE REALTY
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CENTRAL PENNA. FARMS

PERRY COUNTY

80 acre general. Full set buildings. Frontage on Shermans creek. Call Mr. Bitting.

CUMBERLAND COUNTY

212 acre dairy. 75 cow-loose housing, 3 silos, mod. stone house. Call Mr. Niesley.

144 acre Beef. New barn, brick house, creek ftg., secluded. Call Mr. Niesley.

33 acre secluded, 20 wooded, no buildings, stream. Call Mr. Niesley.

FRANKLIN COUNTY

170 acre limestone dairy, 18 ties, 2 silos. Call Mr. Crawford.

JUNIATA COUNTY

50 Acre Hog and Poultry. Limestone and sandstone soil. Call Mr. Benner.

5½ acres timber, ½ hard wood, ½ Christmas trees. Call Mr. Bitting.

MIFFLIN COUNTY

118 acre limestone dairy, 87 freestalls, 3 silos. Call Mr. Crawford.

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Carlisle, Pennsylvania 17013
717-249-8787

RICHARD B. CRAWFORD - 717-734-3673
CLAIR R. BENNER - 717-444-2162
EARL I. STERN - 717-748-7376
GREGG R. BITTING - 717-789-3368 or 789-4513
STEVE E. ORRIS - 717-789-3368 or 789-4177

FOR SALE

40 Tillable Acres, automated turkey house 50x400. located in York County
$190,000
E. Wade Manifold
717-862-3192

Elk View Farm
MD Eastern Shore

175 acres, 158 til., barn, loafing shed, machine shop and work shop, over a mile road frontage. $490,000

Farm

77 acres, block barn, loafing shed, silos, 4 car garage with 4 rm and bath apartment, $190,000 Possible owner financing.

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KINGSWAY REALTY
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120 ACRE GENERAL FARM
CUMBERLAND CO.

104 acres of level murrill soil, exc. for corn, also included 16 acres of woodland, large barn and other outbuildings. This farm lays beside the mountain. Has two ponds, is fenced in and is currently used for a steer operation. Priced at $240,000. Owner wants sold, no reasonable offer will be refused.

Donald E. Diehl Realtor
34 E. High St.
Carlisle, PA 17013
717-249-7127

CENTRAL PA FARM LISTINGS

BLAIR COUNTY

GENERAL FARM - 120 acres (106 productive, tillable, 14 woodland), near Williamsburg Solid 2-story frame house and bank barn ideally suited for livestock Buildings are centrally located on land Price reduced to $192,500.

CENTRE COUNTY

FIVE LISTINGS - 2 MILES EAST OF REBERSBURG

30-ACRE GENERAL FARM — 2 Story frame house, bake shop (which could be converted to a house), bank barn, calf barn implement shed, corn crib Combination All buildings new since 1970 Productive tillable land Woodland, $85,000

147 ACRE GENERAL FARM - 2 story stone house, 2 bank barns (one with 29 tie stalls) workshop, 12'x55' concrete stave silo, stream & pond, 80 acres tillable, 30 acres pasture, 37 acres woodland $175,000

10 ACRE FARMETTE - frontage on Rt. 192 Sound 2 story house, new 30 x 60' 2 story barn & garage. Nice laying land. Suitable for a limited acreage dairy operation with the adjacent barn listed below $64,500 45 acres of woodland also available

2 STORY BANK BARN, 41' x 90 with a 40 x 45 attachment The barn has 27 tie stalls & an attached milkhouse 2 silos, 12' x 50' & 10 x 35', 2 implement sheds 2 acres of land included Small additional acreage available $35,000 Adjacent to the farmette above

AMISH FARMETTE - 3 Acre Farmette, good dwelling, barn, workshop (suitable for a retail business) Buildings in good condition, joins listings above $37,500 Ideal for a hunting camp

GENERAL FARM - 215 acres in Curtin Township near Romola, adjacent to Sproul State Forest Picturesque with tillable and wooded acreage, 2-story house, 2 car garage, very good condition Stream provides water for house and pond. Excellent investment, ideal for horses or recreation. $150,000 Owner financing

GENERAL OR HOG FARM - Near Spring Mills, 75 acres (30 tillable, 12 pasture and 33 woodland) 2-story frame house, 40'x70' bank barn with 29'x39' attachment, 2 corn cribs. Barn equipped for farrowing and finishing hogs Small stream Approximately 18 miles from State College. Complete $97,500, 75 acres + barn only $68,500, 39 acres + barn only $52,500

CLINTON COUNTY

GENERAL FARM 183 acres near Loganton 83 acres productive tillable land, 9 acres pasture, 89 acres woodland Very good 2 story frame house, large bank barn, garage, hog pen. Small stream, well & 2 springs Joins state forest land $180,000, owner financing

HUNTINGDON COUNTY

DAIRY FARM - 330 acres, (175 productive Hagerstown tillable, 125 pasture & 30 woodland) 3 dwellings, large bank barn with 36 tie stalls & pipeline milker, 2 concrete stave silos with unloaders & miscellaneous outbuildings Dairy facilities are less than 2 yrs old Spring water $340,000 Owner Financing

4.5 ACRES - Located approx 2 miles from McAlevy's Fort Featuring a 4 room log cottage, garage/workshop in good condition $24,000

LYCOMING COUNTY

LIVESTOCK OR DAIRY FARM - Near Lairdsville 270 acres (165 level, very highly productive tillable) Good 2 story house, bank barn, 60 x 120' cattle barn, suitable for freestalls, 20 x 60' Harvestore, 2 streams Owner financing $325,000

NORTHUMBERLAND COUNTY

GRAIN OR LIVESTOCK FARM -Near Turbotville 231 acres (174 very productive tillable) Good 2 story house, bank barn, implement sheds, & like new grain drying facilities Owner financing ~~$344,000~~ Price Reduced $325,000

GENERAL OR LIVESTOCK FARM - 105 acres Farm 100 acres highly productive tillable land 3 acres pasture, excellent road frontage 2 story house, barn & out buildings $185,000, owner financing

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FARM AND LAND DEPARTMENT

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Don Myers (814) 422-8111
Mel Rockey (814) 466-6688
(Lewisburg) Larry W. Platt (717) 568-5563
(Bedford) Richard D Reed (814) 839-4271
(Huntingdon) Rachel Port (814) 669-4194

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FARMS FOR SALE

Chester County
Near Oxford

68 acre General Farm

190 acres Dairy Farm 150 acres tillable. A choice farm

50 acres General Farm

60 acres General Farm

90 acres Dairy Farm

61 acres extra nice level good productive land, no buildings

7 acres stone house, tenant house, large beef cattle barn

90 acres bare land, good productive level and no building.

Lancaster County

123 acres large steer operation and poultry houses for layers, large barn, tobacco shed, and out buildings, nice brick home, bath, conveniences, also tenant home.

Centre County
Near Lamar
Route 64

101 acre Dairy Farm Price reduced less than $1500 an acre Owner financing Terms 25 per cent 1st year, 10 years 10 per cent interest

Some of these farms are owner financed to qualified buyers Possession on all farms on or before April 1, 1982

MAURICE E. LEHMAN,
BROKER

1960 Horseshoe Road
Lancaster, Pa 17601
717-394-2460 or
Daniel E Snader,
Agent
New Holland RD 3,
Pa 17557
717-656-7789

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ST. LAWRENCE VALLEY

OWNER RETIRING...165 Ac. 100 T. T Barn, Silo, 2 Springs, Borders creek, House in excellent condition, All Equipment included for dairy farming. Price $115,500. Owner financing possible.

$140,000...130 Ac. Equipped dairy farm, close to college town. Owner financing.

725 Acres, large flat meadows, suitable for haying, other crops, development, several acres of large mixed hardwood & pine, borders creek. Can be divided. Small downpayment.

LODGE... Excellent hunting, fishing in area. Lodge is in excellent condition, gas lights, spring water. $35,000.

FOURNIER REAL ESTATE
Gouverneur N.Y. 13642
315-287-4065

PENNA FARMS
CUMBERLAND CO.

158 A. DAIRY FARM - (will sell less acreage) limestone soil, 150 acres tillable, 8 room log and frame dwelling, bank barn w/parlor, milkers and tank. Frontage on 2 roads with 11 approved lots. Price adjusted.

New Listing.

80 A. HOG AND BEEF FARM, level murrill soil, all open land, frame house, bank barn, implement storage, road frontage with beautiful setting.

HUNTINGDON CO.

172 A. GENERAL Modern 7 room house, pond, barn - near Raystown Lake. PRICE ADJUSTED.

CHARMING LOCATION - 38 acre hog and beef or horse lovers delight. 30 acres tillable, farrowing pens with liquid manure storage, machine storage, 2 car garage, 8 room frame dwelling, nice road frontage.

"NO OBLIGATION APPRAISAL"

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Wilbert Diehl 258-3231

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139 W. High St., Carlisle, Pa.
Ph. (717) 243-6195

REAL ESTATE

REAL ESTATE

BERKS COUNTY

Farms from 40 acres general at $119,000 to 150 acre dairy $300,000. Located throughout Berks County.

Mountain land & log home sales.

BLUE MOUNTAIN REALTY
RD 1 Bernville, PA
215-488-7614 or
215-488-7745

FARMS & LAND

F1-33 DAIRY FARM, 100 acres, 60 tillable. Snyder Co. Single 8 herringbone milking parlor. Good buildings. 70 free stalls. 800 gallon bulk tank. Presently milking 40 cows. Very nice 4 bedroom home. $170,000.

F1-26 Perry County, 180 acre general farm. Presently beef/calf operation. 4 bedroom 1½ bath house, owner financing available on $100,000. Full price is only $221,000.

LO-77 Wooded tracts in Juniata Co. Near McAlisterville. 10A & up. Underground utilities. $1200/A. Less for larger tracts. Generous owner financing. Cash discount. Call Don.

F1-02 103 acre run down farm, log house, approx. 20 acres tillable, excellent hunting area. $69,000.

FO-500 Not your average farm! Highly productive and excellent buildings to match. 2 story immaculate home. Inground pool. Presently beef operation but readily convertible to dairy. 112 acres. Columbia Co. $210,000.

Other Farms Also Available

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Evenings call Realtor Assoc.

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Snyder/Union
717-374-8038

Don Bashore
Juniata/Perry
717-436-9213

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will be found on Page B40

REAL ESTATE

REAL ESTATE

FERTILE FARM DEVELOPMENT APPROVED

300 Ac., Hellam, York Co., Pa., Offered in three parcels or entire - (1) 203 Ac., 200 in corn 2 nice homes, barns, etc. at $3,500/Ac. (2) 23 Ac. in corn at $2,900/Ac. (3) 74 Ac. in mature woods at $2,500/Ac.; Preliminary sub division approval for (1) and (2) and Final for (3). Owner 717-757-1508.

HOLTZ and ASSOCIATES
Real Estate
633 Logan Boulevard, Lakemont
Altoona, PA 16602
814-946-4211

NORTHERN CAMBRIA COUNTY FARM 112 acre working farm. Includes recently rebuilt 2 story colonial home with family room, fireplace, intercom, and other cozy comforts. Other buildings include a bank barn, block garage, and grainery. Acreage has tillable land, pasture, and woods. An assumable loan of $100,000 for the qualified buyer is available. Price is $159,000. Owner will sell machinery.

Longacre
PAUL M.
FARMS AND COUNTRY PLACES

DAUPHIN COUNTY

86 acre dairy farm (near Hershey) very good soil, 801. pasture stream, features new 100 cow free stall w/center auto bunk feeder & drive thru feeding 20x70 conc silo w/unloader & conveyor system, 2 story bank barn w/25 tie stalls, also heifer & maternity area 800 & 400 gal bulk tanks 2 car garage & shop, corn crib machine shed, lovely 2½ story home features large kitchen, formal DR LR & playroom, 3 bdrms & bath 2 open porches Call for details **$360,000**

MONTGOMERY COUNTY

55 acre general farm featuring lovely log & stone home w/modern kitchen center stairs 5 rooms with livingroom fireplace, 5 bedrooms & bath 2 car garage bank barn 2 machine sheds, corn crib silo & much more A very lovely setting **$385,000 Reduced to $300,000**

BRADFORD COUNTY

NEW

81 acre dairy farm with lovely frame colonial with 10 rooms & bath 26 stall barn barn cleaner 2 story garage & out buildings $66,000

OTHER FARMS AVAILABLE
Please Call and Tell Us Your Preference

PAUL M. LONGACRE
Rt 100 Hereford, PA 18056
Ph: 215-679-5919

450 acre dairy farm 365 acres tillable Featuring 154 freestall barn with 2 bunk feeder units double 8 Herringbone parlor with sick room, office bath & milkhouse with two 1000 gal tanks. Three 60 silos and one 20 x 55 silo with unloaders 245 pole styled dry cow & heifer barn with drive through feeding Lovely 2½ story home with 11 rooms & 2 baths 2 ponds All this & much more for $490,000 Call for details #311

SALES AGREEMENT

180 acre, 150 tillable, level land to gentle rolling, beautiful big new rancher w/fireplace, barn remodeled w/new addition, 58 tie stalls, could easily add 16 stalls, bulk tank dumping station, 18x65 concrete stave silo w/unloader, heifer barn & machinery shed Located on macadam road Sets very nice must be seen to appreciate All for **$225,000** Cattle & machinery optional Additional acreage available for rent

SUSQUEHANNA COUNTY

140 acre dairy farm, 95 tillable, gently rolling to almost level. A picture clean farm operation with 42 stanchions, stainless steel pipeline, 2 box stalls, 6 calf stalls & enclosed spreader pit Two 20 x 40 concrete stave silos with unloaders, 650 gal bulk tank, 2 large poll sheds for machinery & heifers, frame 8 room 2½ story house, modern kitchen, 1½ baths, carport & patio Must be seen to appreciate $225,000 #324

NEW

437 acre dairy farm, 50 stall barn with pipeline, bulk tank barn cleaner & 18x50 14x50 & 12x40 silos Heifer barn & machinery shed, shop & garage Lovely stone & frame Colonial home with modern kitchen 8 rooms & 2 baths Also new second home with 5 rooms & bath Call for details $325,000

74 acres 67 I features 106 comfort stall barn, 1000 gal tank, pipeline, 89 free stall heifer barn 30x70 concrete silo solid 2½ story 4 bedroom home w/bath Asking $165 000 Also renting additional acres

BUCKS COUNTY - NEW

100 acres of level Limcum Bucks County soil 95I features lovely 2 story double home w 11 rooms & 2 baths 2 story bank barn w/50 stalls 1 mi road frontage A good operating dairy farm $360 000

Lovely 2 story colonial home w 4 bedrooms 2 boxes 2 car attached garage beautiful landscaping 5 acres partly wooded picturesque setting $129 900 Additional acreage available

NORTHUMBERLAND CO

158 acre, 971, General Farm lovely 4 bedroom home, kitchen, living room, dining room & bath, 2 story barn, silo & outbuildings Also 2nd home w/eat in kitchen, living room, 2 bedrooms & bath all for $158,000 #342

SNYDER COUNTY

101 Acre dairy farm features lovely home w/large kitchen, 1½ baths, 4 bedrooms & laundry, 70 freestall barn w/box stalls, 8 stall Herringbone parlor, auto feeders, 20x60 concrete silo w/unloader, 40x100 pole building bank barn & much more, ~~$180,000~~ Reduced to $170 000 #328

96 acre general farm 60 tillable with nice 2½ story frame colonial double home, 11 rooms, 2 baths, 2 kitchens, all in good condition Large barn set up for 10,000 broilers trout stream on property, good hunting & fishing area ~~$130,000~~ Reduced to $120,000 #307

JUNIATA COUNTY
REDUCED

160 acre general farm, 125 tillable, featuring lovely 2½ story 8 room farmhouse with country kitchen, 3 floor 15 000 bird broiler house, 100 x 80 bank barn & 30 acres box wire fencing Concrete silo & large bunk silo, good ground All for ~~$250 000~~ Reduced $210,000 #320

10 acre w/lovely Cape Cod 8 room & 2 baths full basement in a very nice setting, excellent for hunting or vacation home nice view **$65,000. #283.**

COLUMBIA COUNTY

180 acre dairy farm, 118 tillable, 36 stalls, bulk tank, several sheds & second small barn corn crib 2 silos & grain storage bins Lovely 2 story farm house with 9 rooms & 1½ baths remodeled Slightly rolling & level good ground ~~$225,000~~ make an offer reduced $210,000 #310

20 acres with small barn pond wooded and open ground Nice area Financing Available Asking $45 000

NEW JERSEY

80 acre dairy farm gently rolling to level streams & pond 2½ story home with 4 bedrooms & 2 baths, large remodeled kitchen, dining rm & laundry 60 stall barn & 80 freestall milkhouse bulk tank large shop, new large machinery shed & corn crib 14x40 concrete silo & 200x25 trench silo $..50 000

GO FOR MORE

with

Purina Hi Octane Hog Chow

and

Kleen Leen Checker™ Boars and Gilts

• MORE INCOME POTENTIAL -

It takes more to make money in the hog business these days. More genetic potential, better feeding programs, and more in the way of smart management. Discover how Purina and Kleen Leen can improve your hog income through faster daily gains, larger litters, improved feed conversions and better carcass quality.

• MORE GENETIC CHOICES -

What specific traits would you like to improve? Kleen Leen offers 7 different breeds of Checker™ brand boars to strengthen different specific traits. Use them in combination with high performance Checker™ brand gilts for a double dose of genetic improvement. Kleen Leen's exclusive genetic potential rating (G.P.R.®) system accurately measures the heritable traits that affect your income. Because it evaluates true genetic potential before you buy, it lets you purchase the Checker™ Boar that's the best value for you. Checker™ Boars are available in 7 different G.P.R.® levels ranging from 80 to 140 G.P.R. points. Even the lowest level is capable of improving nearly any herd in the nation.

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Regardless of which Checker™ Boar or Gilt you select, you'll receive the benefit of the Kleen Leen Health Program, the most complete program of its kind.

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T.P.T.P. - Holtwood, Pa. 500 sow unit, Production Records from Aug. 1980 through Aug. 1981. Using Kleen Leen Breeding Stock and Purina® High Octane® Feeding Program

Conception Rate	90%
Live Pigs Farrowed/Crate	10.4
Pigs Weaned Per Crate	9.4
Lbs. Feed/Lbs. Pork Produced (entire herd)	3.38 lbs.
Lbs. Feed Market Hogs/Lb. Produced In Finishing and Gilt Pool	2.70 lbs.

GO FOR MORE. TALK TO YOUR PURINA DEALER TODAY.

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